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62.73

# MICHELL'S WHOLESALE CATALOG

**JUNE  
AUGUST**

***SEEDS, BULBS, PLANTS, ETC.***

**For Florists and Market Gardeners**

**1923  
33rd  
YEAR**



ROSE QUEEN SWEET PEA

**MICHELL'S EARLY  
OR WINTER  
FLOWERING  
SPENCER**

**SWEET PEA  
ROSE QUEEN**

One of the finest varieties. The flowers are borne on long stems, are of large size and free bloomers; usually four flowers are produced on a stem. Color, a most attractive shade of pink.

**Greenhouse Grown Seed**  
Ounce .....\$ 3.00  
Quarter Pound..... 10.00  
Pound ..... 35.00

**Outdoor Grown Seed**  
Ounce .....\$0.60  
Quarter Pound..... 1.80  
Pound ..... 6.00

For complete list of Winter Flower Spencer Sweet Peas, see page 7.

**HENRY F. MICHELL CO., 518-516 MARKET STREET  
PHILADELPHIA - PENNA.**



**NOTICE TO CUSTOMERS  
OUTSIDE OF THE  
UNITED STATES**

In remitting for purchases at the time of ordering, or when paying accounts, by reason of the Exchange we ask that you please send P. O. Money order in U. S. Funds or a check or draft on a New York or Philadelphia Bank in par U. S. Funds.

**WE ESPECIALLY INVITE  
CHARGE ACCOUNTS**

A charge account is more convenient than to remit for each order at the time it is sent us; you pay no more for your goods by reason of this accommodation. As to our responsibility, we refer you to **Dun's or Bradstreet's Mercantile Agency** or any bank or trust company.

When sending your first charge order, refer preferably to someone in either your own or our line of business with whom you have a charge account. This frequently saves delays.

**DISCOUNTS**

On bills for Flower, Vegetable Seeds and Bulbs, a discount of 2 per cent. for payment 10 days from date of bill may be deducted; 3% cash discount is allowed on all orders of Flower Seeds, Vegetable Seeds and Bulbs when remittance accompanies the order, unless on items specially quoted or priced. Cash discount above does not apply to dealers orders, unless so stated in quotations or otherwise. All other goods are strictly net, as are also bills for goods supplied under special quotations unless otherwise agreed upon.

**SPECIAL NOTICE**—We prepay postage free on all Flower and Vegetable Seeds offered in this Catalog, except on Peas, Beans, Corn and such other items as may be noted. We do not prepay free postage on Plants, Bulbs, Sundries, Tools, etc., nor do we prepay free any items on which we may have quoted special prices. All postage is charged on dealers orders regardless of items ordered.

We cannot make shipments of Plants or Cold Storage Bulbs C. O. D., and shipments of goods C. O. D. outside of our automobile delivery limits can only be made that way provided a partial remittance is sent with the order to guarantee that the goods will be accepted on arrival.

**IMPORTANT NOTICE**—All shipments of plants, perishable stock and cold storage bulbs are made at buyers' risk only.

If such shipments arrive in bad condition, accept them and receipt for them accordingly, and make claim for your loss on the transportation company. We, of course, will hold ourselves ready to assist you in any possible way. It has been found that claims can be collected more readily by the person receiving the goods than by the shipper.

Our custom to guarantee the **actual arrival** of goods, except at points where there is no freight or express agent, will still be continued, and claims for loss or **non-arrival** of merchandise **not perishable** will, as in the past, be cared for by us, so you run no risk of having to make claims for lost goods.

**CONDITIONS OF SALES**

All contracts, sales and acknowledgments of orders are contingent upon crop failures, partial deliveries by growers or manufacturers, strikes, or other unavoidable causes beyond our control; also unsatisfactory credit standing. All quotations are subject to market changes and goods being unsold on receipt of order. Henry F. Michell Co. give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out, and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, they can be returned at once and no sale has been made. No responsible seedsman can give a warranty.



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SECRETARY

FRED'K J. MICHELL { VICE-PRESIDENT  
TREASURER

**HENRY F. MICHELL CO.**

**SEEDS** BULBS, PLANTS, GARDEN SUPPLIES, FERTILIZERS,  
INSECT DESTROYERS, POULTRY SUPPLIES, ETC.

WAREHOUSES { 509-11-13 LUDLOW ST.  
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# MICHELL'S SEED HOUSE

518-516 MARKET STREET

Philadelphia, Pa.



## ORDER NO.

Charge to \_\_\_\_\_ Charge Address \_\_\_\_\_

Please DO NOT Write in Space Above

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Shipped Via and Date \_\_\_\_\_ IF OUT OF VARIETY ORDERED HAVE WE YOUR PERMISSION TO  
SUBSTITUTE EQUAL OR BETTER IN NEAREST WE CAN SUPPLY?

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PLEASE DO NOT ASK QUESTIONS ON THIS ORDER SHEET, BUT WRITE THEM, AND ALL COMMUNICATIONS REQUIRING AN ANSWER, ON A SEPARATE SHEET AND ENCLOSE WITH ORDER, TO INSURE A MORE SPEEDY REPLY.

HENRY F. MICHELL CO. give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, they can be returned at once.





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# MICHELL'S "DISTINCTIVE" FLOWER SEEDS

"Distinctive" Strains of Flower Seeds for the florist is one of the most important branches of our business; we constantly aim to secure for the florist only the most improved strains such as will give perfect satisfaction.

**NOTE**—Half trade packets are only supplied where listed; where smaller quantities are wanted than that listed, retail packets may be ordered at a discount of 33 1-3 per cent. from our retail catalog prices.

On Flower Seeds quoted in this Catalog there is no extra charge for Parcel Post, excepting for Registry or Insurance.

## Fractions of ounces are supplied as follows:

Where price per oz. is	1/2 oz.	1/4 oz.	Where price per oz. is	1/2 oz.	1/4 oz.
\$0.10			\$0.65	\$0.35	\$0.20
.15			.75	.40	.25
.20	Smaller quanti-		1.00	.50	.30
.25	ties supplied in		1.25	.65	.35
.30	trade packets		1.50	.75	.40
.35	only.		1.75	.90	.50
.40			2.00	1.00	.60
.50			2.25	1.15	.60
.60	\$0.30	\$0.20	2.50	1.25	.65

## ACHILLEA

Perennial, flowering continuously all summer. Trade pkt. Oz.  
Ptarmica, fl. pl. "The Pearl." Double white. . . . \$0.50 \$3.00

## ACONITUM (Monks Hood)

Napellus. Perennial; long spikes of blue flowers. . . . .25 1.75

## AGROSTEMMA (Mullein Pink)

Coronaria. Hardy perennial; deep crimson flowers. .15 .25

## ALYSSUM

Lilac Queen. Dwarf and compact; flowers lilac. .15 .50

Little Dorritt. Even more compact than Little Gem and desirable for a pot plant. .15 .60

Little Gem. Our strain of this popular sort is quite distinct, very dwarf, compact and absolutely true from seed. (1/4 lb., \$1.50) .15 .45

Michell's Bouquet (New). Forms a perfect bouquet of miniature white flowers; a perfect gem for edging; very dwarf and compact. .25 1.00

Sweet (Alyssum Benthami). The well-known fragrant white. (1/4 lb., 75c.) .15 .25

Saxatile Compactum. Perennial; golden yellow. .20 .60

## AMPELOPSIS

Veitchi (Boston or Japanese Ivy). . . . . (1/4 lb., 75c.) .15 .25

## ANCHUSA

Italica, "Dropmore Variety." Perennial branching plant; 4 feet; light blue flowers. .25 1.00

## ANEMONE (Windflower)

Hardy perennial; excellent for cutting.

Coronaria. Mixed. .15 .60

St. Brigid. Semi-double; various colors. .40 2.00

## ANTHEMIS (Hardy Marguerite)

Tinctoria Kelwayi. Daisy-like, bright yellow flowers; excellent for cutting. .20 .60

## AQUILEGIA (See next page)

## ASPARAGUS

### PLUMOSUS NANUS

We are Headquarters for the true Greenhouse Grown Strain

Our seeds are absolutely fresh and of high germination; our greatly increased sales each season prove beyond a doubt the superiority of our stock.

### Greenhouse Grown Seed

100 seeds. . . . . \$0.50	5,000 seeds. . . . . \$16.25
1,000 seeds. . . . . 3.50	10,000 seeds. . . . . 30.00

### Lathhouse Grown Seed

100 seeds. . . . . \$0.30	5,000 seeds. . . . . \$9.00
1,000 seeds. . . . . 2.00	10,000 seeds. . . . . 17.50

## ASPARAGUS SPRENGERI

100 seeds. . . . . \$0.20	5,000 seeds. . . . . \$5.75
1,000 seeds. . . . . 1.25	10,000 seeds. . . . . 10.00

Larger quantities of Asparagus seed quoted on application.



Giant Antirrhinum (Snapdragon)

## ANTIRRHINUM (Snapdragon)

Extensively used for cutting both summer and winter.

### SPECIAL FORCING VARIETIES

	Trade pkt.	Oz.
Canary Bird (New). Canary yellow. . . . .	\$0.40	\$2.00
Cattleya (New). Silver rosy lilac, golden yellow lip. .40		2.00
Keystone. Large spikes, color, rose pink. . . . .	.75	
Michell's Salmon Pink. Long spikes of flowers of a delicate salmon pink. . . . .	.40	2.00
Philadelphia Pink (New). Pure pink. . . . .	1.00	
Silver Pink (Ramsburg's). . . . .	1.00	
Snowflake (New). Pure white. . . . .	.40	2.00

### GIANT TALL VARIETIES

Spikes 2 to 3 feet in length.

Giant Garnet. . . . .	\$0.20	\$0.75
" Pink. . . . .	.20	.75
" Scarlet. . . . .	.20	.75
" Striped. . . . .	.20	.75
" Venus. Shell-pink on white ground. . . . .	.20	.75
" White. . . . .	.20	.75
" Yellow. . . . .	.20	.75
" Mixed. . . . .	.20	.60
Tall Mixed. Regular strain, 2 feet. . . . .	.15	.50

### ANTIRRHINUM (Semi-Dwarf)

These grow about 18 inches high.

Bride. Pure white. . . . .	\$0.20	\$1.00
Daphne. Pink. . . . .	.20	1.00
Defiance. Fiery scarlet. . . . .	.20	1.00
Firebrand. Deep red. . . . .	.20	1.00
Golden Queen. Yellow. . . . .	.20	1.00
Mont Blanc. Pure white. . . . .	.20	1.00
Nelrose. Pink. . . . .	.20	1.00
Rose Queen. Rich rose. . . . .	.20	1.00
Mixed. . . . .	.20	.75
Tom Thumb Mixed. 12 inches. . . . .	.20	1.00



# MICHELL'S PERENNIAL FLOWER SEEDS



*Digitalis (Foxglove) Gloxiniaeflora*

## Sow Now

VARIETIES		Color of Flowers	Price per Trade Packet	Price per Oz.
Calliopsis.	California Sunbeams.....	Yel. & Br.	\$0.15	\$0.50
"	Lanceolata Grandiflora.....	Yellow...	.15	.35
Campanula.	Calycanthema.....	Blue.....	.30	2.00
"	".....	Pink.....	.30	2.00
"	".....	White.....	.30	2.00
"	".....	Mixed.....	.25	1.50
"	Carpatica.....	Blue.....	.20	1.00
"	" Alba.....	White.....	.20	1.00
"	Media, Single.....	Blue.....	.15	.40
"	".....	Pink.....	.15	.40
"	".....	White.....	.15	.40
"	".....	Mixed.....	.15	.35
"	" Double.....	Blue.....	.30	1.50
"	".....	Pink.....	.30	1.50
"	".....	White.....	.30	1.50
"	".....	Mixed.....	.25	1.00
"	Persicifolia Grand.....	Blue.....	.50	3.00
"	" Alba.....	White.....	.50	3.00
"	Pyramidalis.....	Mixed.....	.25	1.00
Candytuft ( <i>Iberis</i> ).	Sempervirens.....	White.....	.40	2.00
Centaurea.	Montana.....	Blue.....	.25	1.00
Cerastium.	Tomentosum.....	White.....	.30	1.50
Chrysanthemum.	King Edward VII.....	White.....	.20	.60
"	Shasta Daisy, Alaska.....	White.....	.40	2.00
Clematis.	Paniculata.....	White.....	.15	.40
Delphinium ( <i>Larkspur</i> ).	Belladonna.....	Blue.....	.50	2.50
"	Bellamosum.....	Blue.....	.50	2.50
"	Chinense Grandiflorum.....	Blue.....	.20	.75
"	" Album.....	White.....	.20	.75
"	Elatum.....	Blue.....	.25	1.00
"	Formosum.....	Blue.....	.40	2.00
"	Coelestinum.....	Blue.....	.50	2.50
"	Gold Medal Hybrids.....	Mixed.....	.25	1.25
"	Hybridum.....	Mixed.....	.15	.50
Dianthus ( <i>Pink</i> ).	Clove Scented.....	Mixed.....	.30	2.00
"	Double Scotch.....	Mixed.....	.30	1.75
"	Erfurt.....	Mixed.....	.40	2.00
"	Latifolius Atrococ. fl. pl.....	Scarlet.....	.25	1.00
"	Pheasant's Eye.....	Mixed.....	.15	.50
Dictamnus ( <i>Gas Plant</i> ).	Fraxinella.....	Red.....	.20	.75
Digitalis.	Gloxiniaeflora.....	Pink.....	.20	.60
"	".....	Purple.....	.20	.60
"	".....	White.....	.20	.60
"	".....	Mixed.....	.15	.50
"	Grandiflora.....	Yellow.....	.15	.60

VARIETIES	Color of Flowers	Price per Trade Packet	Price per Oz.
Achillea. Ptarmica, fl. pl. "Pearl".....	White...	\$0.50	\$3.00
Aconitum ( <i>Monkshood</i> ). Napellus.....	Blue....	.25	1.75
Agrostemma. Coronaria.....	Crimson..	.15	.25
Alyssum. Saxatile ( <i>Basket of Gold</i> ).....	Yellow...	.20	.60
Ampelopsis. Veitchi ( <i>Japanese Ivy</i> ).....	.....	.15	.25
Anchusa. Italica, Dropmore Variety.....	Blue.....	.25	1.00
Anemone ( <i>Windflower</i> ). Coronaria.....	Mixed....	.15	.60
" St. Brigid or Poppy.....	Mixed....	.40	2.00
Anthemis. Tinctoria Kelwayi.....	Yellow...	.20	.60
Aquilegia. Californica Hybrida.....	Mixed....	.30	1.75
" Chrysantha.....	Yellow...	.40	2.00
" Coerulea.....	Bl. & Wh.	.30	1.50
" Long Spurred Hybrids.....	Mixed....	.30	1.50
" Rose Queen.....	Rose.....	.50	3.00
" Single.....	Mixed....	.15	.40
" Double.....	Mixed....	.15	.50
Arabis Alpina ( <i>Rock Cress</i> ).....	White....	.15	.40
Asperula ( <i>Sweet Woodruff</i> ).....	White....	.25	1.00
Aster ( <i>Michaelmas Daisy</i> ).....	Mixed....	.25	1.50
Auricula ( <i>Primula Auricula</i> ).....	Mixed....	.50	3.50
Baptisia. Australis.....	Blue.....	.20	1.00
Bocconia. Cordata.....	White....	.15	.50

## HENRY F. MICHELL CO.

Nurseries and Plant Houses  
Andalusia, Pa.

518-516 MARKET STREET  
PHILA., PA.

(SEE OTHER SIDE)

# MICHELL'S PERENNIAL FLOWER SEEDS

## Sow Now

VARIETIES	Color of Flowers	Price per Trade Packet	Price per Oz.	VARIETIES	Color of Flowers	Price per Trade Packet	Price per Oz.
Eupatorium. Fraseri.....	White...	\$0.15	\$0.60	Phlox. Decussata.....	Mixed...	\$0.30	\$2.00
Gaillardia. Grandiflora Compacta.....	Mixed...	.15	.60	Platycodon. Grandiflora.....	Blue...	.25	1.00
" " Sanguinea.....	Red...	.20	.75	" " Alba.....	White...	.25	1.00
" " Semi-Double.....	Mixed...	.20	.75	Polyanthus. Gold Laced.....	Mixed...	.40	3.50
" " Superba.....	Mixed...	.15	.60	" " Double.....	Mixed...	.60	
Gentiana. Acaulis.....	Blue...	.25	1.50	" " English.....	Mixed...	.40	2.50
Geum. Atrosanguineum fl. pl.....	Crimson...	.20	.75	Poppy. Giant Scarlet.....	Scarlet...	.15	.50
Gypsophila. Paniculata (Baby's Breath).....	White...	.15	.40	" " Iceland (Nudicaule).....	White...	.25	1.25
" " Fl. pl. Double.....	White...	.50	4.00	" " ".....	Yellow...	.25	1.25
Helenium. Autumnale Superbum.....	Yellow...	.25	1.50	" " Single.....	Mixed...	.25	1.00
Heliopsis. Pitcheriana.....	Yellow...	.15	.75	" " Orientale.....	Scarlet...	.15	.75
Hibiscus (Marshall).....	White & Crimson	.20	.60	" " Hybrids.....	Mixed...	.25	1.00
" " Moscheutos.....	Pink...	.15	.40	Primula. Veris (English Cowslip).....	Mixed...	.40	1.50
" " New Giant.....	Mixed...	.15	.60	Pueraria Thunbergiana (Kudzu Vine).....	Rosy Pur.	.15	.40
Hollyhock. Allegheny.....	Mixed...	.20	.75	Pyrethrum. Roseum.....	Pink...	.40	2.00
" " Chater's Double.....	Maroon...	.20	1.00	" " Uliginosum.....	White...	.40	1.50
" " ".....	Pink...	.20	1.00	" " Hybridum Single.....	Mixed...	.30	1.50
" " ".....	Red...	.20	1.00	" " Double.....	Mixed...	.50	
" " ".....	Salmon...	.20	1.00	Rudbeckia (Cone Flower), Newmani.....	Yellow...	.30	1.25
" " ".....	White...	.20	1.00	" " Purpurea.....	Purple...	.25	1.25
" " ".....	Yellow...	.20	1.00	Scabiosa. Caucasica.....	Lilac...	.40	3.50
" " ".....	Mixed...	.20	.75	" " Alba.....	White...	.40	3.50
" " Double Hyb. Everblooming.....	Mixed...	.25	1.00	" " Japonica.....	Blue...	.15	.60
" " Single Hyb. Everblooming.....	Mixed...	.20	.60	Statice. Latifolia.....	Blue...	.25	1.00
" " Single.....	Mixed...	.15	.50	Stokesia. Cyanea (Cornflower Aster).....	Blue...	.25	1.50
Iris. Kaempferi (Japanese Iris).....	Mixed...	.15	.50	" " Alba.....	White...	.30	1.75
Lathyrus Latifolius (Everlasting Pea).....	Crimson...	.20	.60	Sunflower (Helianthus).....	Mixed...	.30	1.75
" " Pink Beauty.....	Pink...	.20	.75	Sweet Rocket (Hesperis).....	Mixed...	.15	.30
" " ".....	White...	.20	.75	Sweet William. Single Auricula Fl.....	Mixed...	.15	.60
" " ".....	Mixed...	.15	.50	" " Single.....	Crimson...	.15	.50
Lavender (Lavendula Vera).....	Blue...	.20	.60	" " Single Pink Beauty.....	Pink...	.30	1.25
Lobelia Cardinalis (Cardinal Flower).....	Scarlet...	.50	4.00	" " Single Scarlet Beauty.....	Scarlet...	.30	1.25
Lupinus. Polyphyllus.....	Blue...	.15	.25	" " Single Velvety Maroon.....	Maroon...	.15	.50
" " Roseus.....	Pink...	.20	.75	" " Single.....	White...	.15	.50
" " ".....	White...	.15	.25	" " Single.....	Mixed...	.15	.35
" " ".....	Mixed...	.15	.25	" " Double.....	Mixed...	.15	.60
Lychnis. Chalcedonica.....	Scarlet...	.15	.35	Valeriana.....	Mixed...	.15	.50
Pentstemon. New Hybrids.....	Mixed...	.30	2.00	Veronica. Spicata.....	Blue...	.25	1.50

For full description of above Hardy Perennial Flowers  
see our Retail Catalog, mailed free upon application

## HENRY F. MICHELL CO.

518-516 MARKET STREET

PHILA., PA.

Don't forget our Giant Exhibition Pansy Seed, offered on page 6





*Aquilegia (Columbine) Long Spurred*

## AQUILEGIA (Columbine)

These early flowering perennials are a valuable cut flower and the demand for the same is constantly on the increase.

	Trade	pkt.	Oz.
Californica Hybrida. Mixed colors.....	\$0.30		\$1.75
Chrysantha. Yellow.....	.40		2.00
Coerulea. Blue and white.....	.30		1.50
Long Spurred Hybrids. Mixed colors.....	.30		1.50
Rose Queen. Deep rose.....	.50		3.00
Double Mixed.....	.15		.50
Single Mixed.....	.15		.40

## ARABIS (Rock Cress)

Alpina. Perennial; dwarf edging plant; flowers pure white.....	.15	.40
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## ASPARAGUS (See page 2)

### ASPERULA

Odorata (Sweet Woodruff). Suitable for hardy borders; dwarf, white.....	.25	1.00
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### ASTER

Perennial (Michaelmas Daisy). Mixed.....	.25	1.50
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### AURICULA (Primula Auricula)

Choice Mixed. Hardy perennial with flowers of many beautiful colors.....	.50	3.50
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### BABY'S BREATH (See Gypsophila)

### BACHELOR'S BUTTON (See Centaurea)

### BAPTISIA (False Indigo)

Australis. Tall showy plants with deep blue flowers; perennial.....	.20	1.00
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### BELLIS PERENNIS (See Daisy)

### BOCCONIA (Plume Poppy)

Cordata. Hardy perennial; creamy white flowers..	.15	.50
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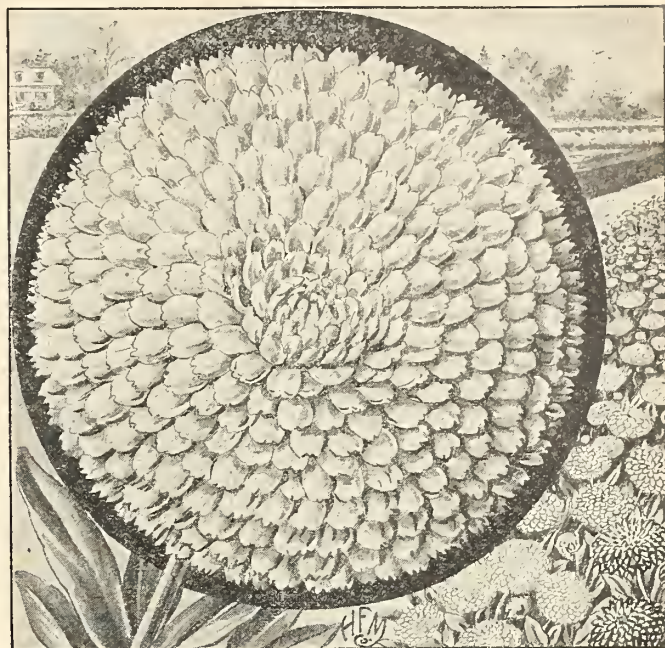
### BROWALLIA

Elata Coerulea. Blue.....	.20	.75
Speciosa Major. Most desirable variety as a pot or basket plant; large, rich blue flowers.....	.50	

### CALCEOLARIA

A most decorative pot plant, which finds ready sale if well grown. The strains we offer cannot be excelled.

	Trade	pkt.	Trade	pkt.
Hybrida Grandiflora. Choice mixed ( $\frac{1}{2}$ oz., \$4.00).....	\$0.60		\$1.00	
Hybrida Grandiflora Compacta. Dwarf, mixed ( $\frac{3}{4}$ oz., \$4.00).....	.60		1.00	
Rugosa. Mixed colors.....	.60		1.00	



*Calendula, Michell's Special Forcing*

## CALENDULA (Pot Marigold)

Raised extensively as a pot plant; excellent for cutting.

Michell's Special Forcing. We have an extra fine strain of this forcing variety, producing large double flowers of a rich, orange yellow color.....	Trade	pkt.	Oz.	$\frac{1}{4}$ lb
	\$0.40		\$1.50	\$5.00
Lemon King. Lemon yellow.....	.15		.25	.60
Meteor. Orange striped.....	.15		.25	.60
Orange King. Rich dark orange.....	.15		.25	.60
Prince of Orange. Dark orange striped....	.15		.25	.60
Pure Gold. Gold yellow.....	.15		.25	.60
Sulphurea. Sulphur yellow.....	.15		.25	.60
Mixed.....	.15		.25	.60



*Michell's Grandiflora Calceolaria*



# MICHELL'S "DISTINCTIVE" FLOWER SEEDS



## CAMPANULA (Bell Flower)

The taller sorts are splendid for cut flowers and most decorative; the dwarf sorts make excellent border plants.

	Trade pkt.	Oz.
Carpatica Blue. Dwarf, 6 inches	\$0.20	\$1.00
" White. Dwarf, 6 inches	.20	1.00
Media Calycanthema (Cup and Saucer). Blue	.30	2.00
" " Pink	.30	2.00
" " White	.30	2.00
" " Mixed	.25	1.50
" Single, Blue	.15	.40
" " Pink	.15	.40
" " White	.15	.40
" " Mixed	.15	.35
" Double Blue	.30	1.50
" " Pink	.30	1.50
" " White	.30	1.50
" " Mixed	.25	1.00
Persicifolia Grandiflora Blue. Grows 3 to 4 feet high and produces large bell-shaped flowers	.50	3.00
Persicifolia Grandiflora White	.50	3.00
Pyramidalis (Chimney Bell Flower). Blue and white mixed; 6 feet	.25	1.00

## CARNATION

Chabaud's Everblooming. Choice mixed	\$0.40	\$1.50
Choice Mixed. Double border	.40	1.50
Early Vienna Mixed	.30	1.50
Marguerite Excelsior, Mixed. Extra large flowers	.30	1.50
" Pink	.30	1.75
" White	.30	1.75
" Scarlet	.30	1.75
" Yellow	.30	1.75
" Choice Mixed	.20	1.00

## CALLIOPSIS (Coreopsis) PERENNIAL VARIETIES

Splendid for cutting during the whole summer. Trade pkt. Oz.  
California Sunbeams. Large flowers; yellow and brown.....\$0.15 \$0.50  
Lanceolata Grandiflora. Large golden yellow......15 .35



Candytuft, Michell's Giant White

## CANDYTUFT (Iberis)

Splendid edging plants, and also valuable for cutting.

	Trade pkt.	Oz.	1/4 lb.
Carmine	\$0.15	\$0.25	\$0.75
Crimson	.15	.25	.75
Empress. Large white	(Lb., \$2.75)	.15	.25
Lavender	.15	.25	.75
Little Prince. Very dwarf; white	.15	.30	1.00
Michell's Giant White. Immense spikes of white flowers	(Lb., \$4.00)	.15	.40
Pink. Flesh color	.15	.30	1.00
Purple	.15	.25	.75
Rose Cardinal. Brilliant rosy red	.15	.40	1.25
Mixed. All colors	(Lb., \$1.75)	.15	.50
Sempervirens. Perennial; fine for edging borders; white	.40	2.00	

## CENTAUREA

### CENTAUREA CYANUS (Cornflower)

Very popular for cutting.

	Trade pkt.	Oz.
Double Blue. Splendid for forcing	(1/4 lb., \$1.50)	\$0.15 \$0.50
" Rose	(1/4 lb., \$1.50)	.15 .50
Emperor William. Deep blue	(1/4 lb., 75c.)	.15 .25
Pink	.15	.25
White	.15	.25
Choice Mixed	(1/4 lb., 75c.)	.15 .25
Double Mixed	.15	.30

### CENTAUREA IMPERIALIS

#### Giant Cornflower, or Sweet Sultan

Large sweet scented flowers; fine for cutting.

	Trade pkt.	Oz.	1/4 lb.
Deep Rose	\$0.20	\$0.75	\$2.75
Lavender	.20	.75	2.75
Lilac	.20	.75	2.75
Brilliant Pink	.20	.75	2.75
Purple	.20	.75	2.75
White	.20	.75	2.75
Choice Mixed	.15	.50	1.75

### NEW GIANT FLOWERED CENTAUREAS

Magnificent flowers; excellent for cutting.

	Trade pkt.	Oz.
Bride. Pure white	\$0.30	\$1.50
Bridegroom. Purplish mauve	.30	1.50
Honeymoon. Golden yellow	.30	1.50

### CENTAUREA (Perennial)

Montana. Perennial; blue	.25	1.00
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*Cineraria, Michell's Grandiflora Prize*

## MICHELL'S "DISTINCTIVE" CINERARIAS

Our Grandiflora Prize Strain cannot be surpassed; immense trusses of large flowers, often measuring 4 inches across. The Stellata varieties make exceedingly decorative pot plants.

Trade Pkt. Trade Pkt.

<b>Grandiflora Prize Dwarf.</b> Mixed colors ( $\frac{1}{32}$ oz., \$3.50).....	\$0.60	\$1.00
<b>Grandiflora Prize Medium Tall.</b> Mixed colors ( $\frac{1}{32}$ oz., \$3.50).....	.60	1.00
<b>Matador.</b> Large flowering scarlet.....	.60	1.00
<b>Stellata Hybrida.</b> Mixed colors ( $\frac{1}{32}$ oz., \$1.75)....	.60	1.00



*Shasta Daisy, Alaska*

## CHRYSANTHEMUM

<b>Early Flowering, Double and Semi Double Mixed.</b> Very showy; plants grow about one foot high; valuable for pot plants or cut flowers ( $\frac{1}{32}$ oz., \$1.00).....	\$0.60	
<b>Japanese Hybrids.</b> Autumn flowering; mixed ( $\frac{1}{16}$ oz., \$1.25).....	.50	
<b>King Edward VII.</b> Extra large; pure white.....	.20	\$0.60
<b>Shasta Daisy "Alaska."</b> Pure white.....	.40	2.00



*Cineraria, Stellata Hybrida*

## CERASTIUM (Snow in Summer)

Trade pkt. Oz.

<b>Tomentosum.</b> Dwarf, white leaved edging plant; flowers white; perennial.....	\$0.30	\$1.50
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## CLEMATIS

<b>Paniculata.</b> White star-shaped flowers ( $\frac{1}{4}$ lb., \$1.50) ..	.15	.40
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## COLUMBINE (See Aquilegia)

## COREOPSIS (See Calliopsis)

## CORNFLOWER (See Centaurea)

## COWSLIP

(See Polyanthus)

## CYCLAMEN

(See next page)

## DAISY, ENGLISH

### DOUBLE (Bellis Perennis)

The Monstrosa varieties surpass all other strains in their extra large double flowers.

**Longfellow.** Large pink. Trade pkt., 40c.; \$2.00 per oz.

**Monstrosa Pink.** Flowers extra large. Trade pkt., 50c.; \$3.00 per oz.

**Monstrosa White.** Trade pkt., 40c.; \$3.00 per oz.

**Monstrosa Mixed.** Trade pkt., 50c.; \$2.75 per oz.

**Snowball.** Large white. Trade pkt., 40c.; \$2.00 per oz.

**Double Mixed.** Trade pkt., 30c.; \$1.50 per oz.

Livingston.

Montana.

Very much pleased with the germination of your perennial seeds.

Yellowstone

Floral Co.



*English Daisy, Monstrosa*





# MICHELL'S GIANT SHOW CYCLAMEN SEED



OUR Cyclamen Seed is grown for us by a Specialist, seed being selected only from plants of superior bloom and foliage. The flowers are unsurpassed for size, colors and substance. The color plate shown here is reproduced from an actual photograph taken in one of the greenhouses of the grower who supplies us with seed.

## PRICES

	100 Seeds	1000 Seeds	2500 Seeds	5000 Seeds	10,000 Seeds
Bright Red . . . . .	\$1.50	\$12.50	\$30.00	\$57.50	\$110.00
Dark Blood Red . . . . .	1.50	12.50	30.00	57.50	110.00
Glory of Wandsbek ( <i>Salmon Red</i> ) . .	1.75	15.00	36.25	70.00	135.00
Perle of Zehlendorf ( <i>Salmon Pink</i> ) . .	1.75	15.00	36.25	70.00	135.00
Pure White . . . . .	1.50	12.50	30.00	57.50	110.00
Rose of Marienthal ( <i>Bright Pink</i> ) . .	1.50	12.50	30.00	57.50	110.00
White with Carmine Eye . . . . .	1.50	12.50	30.00	57.50	110.00
Mixed Colors . . . . .	1.35	12.00	28.75	55.00	105.00



# 4-B MICHELL'S "DISTINCTIVE" FLOWER SEEDS

## DELPHINIUM

(Perennial Larkspur)

Trade pkt. Oz.

Bella Donna. Light turquoise blue (1/4 lb., \$9.00)	\$.50	\$2.50
Bellamosum. A dark blue type of the Belladonna....	.50	2.50
Chinense Grandiflorum. Dwarf; blue.....	.20	.75
Chinense Grandiflorum Album. Dwarf; white..	.20	.75
Elatum (Bee Larkspur). Blue	.25	1.00
Formosum. Deep blue....	.40	2.00
Formosum Coelestinum. Sky blue.....	.50	2.50
Michell's Gold Medal Hybrids. A fine strain of mixed hybrids; long spikes of large flowers (1/4 lb., \$4.75)	.25	1.25
Hybrid Mixed. All shades..	.15	.50

## DIANTHUS (Pinks)

Hardy Garden Sorts.

Clove Scented. Double and semi-double mixed.....	.30	2.00
Double Scotch. Mixed...	.30	1.75
Erfurt. Dwarf double; mixed	.40	2.00
Latifolius Atrococcineus. fl. pl. Double scarlet....	.25	1.00
Pheasant's Eye. Single fringed flowers; mixed.....	.15	.50

## DICTAMNUS (Gas Plant)

Fraxinella. Perennial; purple red flowers.....	.20	.75
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## DIGITALIS (Foxglove)

	Trade pkt.	Oz.
Gloxiniaeflora, Pink.....	\$.20	\$0.60
" Purple.....	.20	.60
" White.....	.20	.60
" Mixed.....	.15	.50
Grandiflora. Light yellow.....	.15	.60

## DRACENA

Useful as centre plants for vases, baskets, etc. The seed is sent out in the hull or berry and should be rubbed out before sowing.

	Trade pkt.	Oz.
Australis. Broad leaves..... (1/4 lb., \$1.75)	\$.15	\$0.50
Indivisa. Narrow green leaves; the popular sort for bedding or vases..... (1/4 lb., \$1.00)	.15	.30

## EUPATORIUM

A fine perennial, and useful for cutting.

Fraseri. White flowers.....	\$.15	\$0.60
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GAILLARDIA (See next page)

## GENTIANA (Blue Gentian)

Acaulis. A dwarf hardy perennial; deep blue flowers	.25	1.50
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## GERBERA (Transvaal Daisy)

Splendid greenhouse perennials with large daisy-like flowers; fine for pot plants or for cutting.

Jamesoni Hybrida. These hybrids include a wonderful range of brilliant colors and shades. Per 100 seeds, 60c.

## GEUM

Trade pkt. Oz.

Atrosanguineum Fl. Pl. Large, showy double dark crimson flowers; perennial.....	\$.20	\$0.75
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Delphinium, Belladonna

## FERNS

We can supply fresh spores of the following excellent varieties of Ferns:

- Adiantum Cuneatum.
- Adiantum Mixed.
- Aspidium Tussimense.
- Cyrtomium Falcatum.
- Lomaria Gibba.
- Lygodium Scandens.
- Pteris Adiantoides.
- " Alba Lineata.
- " Magnifica.
- " Mayii.
- " Serrulata Cristata.
- " Tremula.
- " Victoria.
- " Wimsettii.
- " Wilsoni.
- " Mixed Varieties.

Mixed. Many choice varieties.

Any of the above varieties, 75c. per trade packet.

## FORGET-ME-NOT

(See Myosotis)

## GLOXINIA

Carefully saved seeds from perfect flowers and shapely plants. Trade pkt. Oz.

Hybrida Grandiflora. Choicest mixed. (1/2 trade pkt., 60c.).....	\$1.00
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## GREVILLEA (Silk Oak)

Robusta. A beautiful ornamental foliage plant; grown extensively for vase work and very easily raised from seed.....	.20	.60
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Digitalis (Foxglove) Gloxiniaeflora





*Gaillardia, Grandiflora Superba*

## GAILLARDIA (Perennial Varieties)

Gigantic attractive flowers appear during the whole season; fine for cutting or borders.

	Trade pkt.	Oz.	1/4 lb.
<b>Grandiflora Compacta.</b> Mixed.....	\$0.15	\$0.60	\$2.25
" <b>Sanguinea.</b> Blood red.....	.20	.75	2.75
" <b>Semi Double.</b> Mixed.....	.20	.75	2.75
" <b>Superba.</b> Mixed.....	.15	.60	2.25

## GYPSOPHILA (Baby's Breath)

Free flowering plants of easy culture; excellent for cutting to mix with other flowers

	Trade pkt.	Oz.
<b>Elegans Alba Grandiflora.</b> Annual variety; flowers pure white..... (1/4 lb., 60c.; \$1.75 per lb.)	\$0.15	\$0.25
<b>Elegans Carminea.</b> Bright carmine rose (1/4 lb., 60c.; \$2.00 per lb.).....	.15	.25
<b>Paniculata.</b> Perennial; graceful sprays of white flowers..... (1/4 lb., \$1.40)	.15	.40
<b>Paniculata Fl. Pl.</b> Perennial, with double white flowers.....	.50	4.00

## HELENIUM

<b>Autumnale Superbum.</b> Perennial; large heads of golden yellow flowers.....	.25	1.50
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## HELIANTHUS See Sunflower

## HELIOPSIS (Orange Sunflower)

<b>Pitcheriana.</b> Perennial; deep golden yellow flowers; excellent for cutting.....	.15	.75
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## HIBISCUS (Marshmallow)

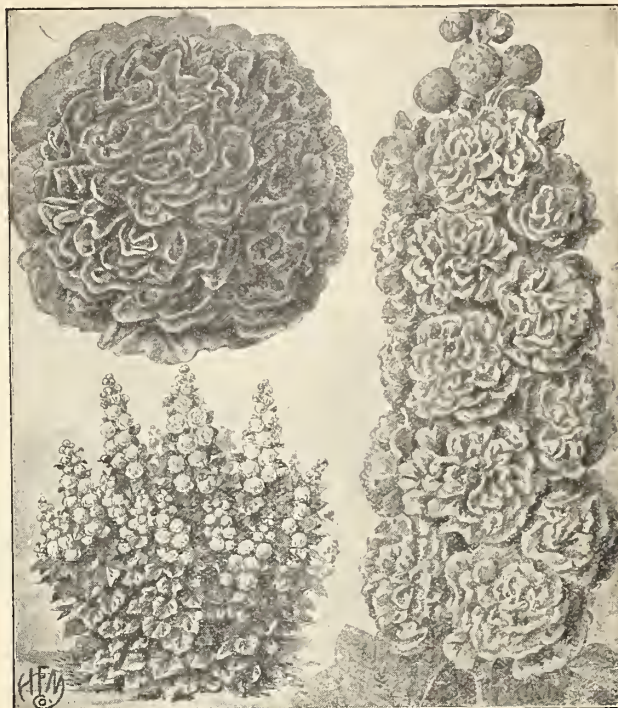
<b>Crimson Eye.</b> White with crimson centre.....	.20	.60
<b>Golden Bowl.</b> Yellow, with maroon centre.....	.20	1.00
<b>Moscheutos.</b> Large pink flowers.....	.15	.40
<b>New Giant (Mallow Marvel).</b> Mixed.....	.15	.60

## IRIS (Flowering Flag)

<b>Kaempferi (Japanese Iris).</b> Mixed colors.....	.15	.50
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## LATHYRUS LATIFOLIUS (Perennial Pea)

	Trade pkt.	Oz.
<b>Crimson.</b> .....	\$0.20	\$0.60
<b>Pink Beauty.</b> Bright pink.....	.20	.75
<b>White.</b> .....	.20	.75
<b>Choice Mixed Colors.</b> .....	.15	.50



*Hollyhock, Chater's Double*

## HOLLYHOCK

Our seed of this popular perennial plant is saved from extra fine double flowers and cannot be surpassed.

	Trade pkt.	Oz.	1/4 lb.
<b>Allegheny.</b> Semi-double Fringed, Mixed.....	\$0.20	\$0.75	\$2.75
<b>Chater's Double Maroon.</b> .....	.20	1.00	3.75
" <b>Pink.</b> .....	.20	1.00	3.75
" <b>Red.</b> .....	.20	1.00	3.75
" <b>Salmon.</b> .....	.20	1.00	3.75
" <b>White.</b> .....	.20	1.00	3.75
" <b>Yellow.</b> .....	.20	1.00	3.75
" <b>Mixed.</b> .....	.20	.75	2.75
<b>Double Everblooming Mixed.</b> Flowers the first year from seed.....	.25	1.00	3.75
<b>Single Everblooming Mixed.</b> .....	.20	.60	2.25
<b>Single Mixed.</b> .....	.15	.50	1.75

## LARKSPUR, PERENNIAL. (See Delphinium)

## LAVENDER

	Trade pkt.	Oz.
<b>Lavendula Vera (True).</b> Fragrant blue flowers.....	\$0.20	\$0.60

## LOBELIA

<b>Cardinalis (Cardinal Flower).</b> Stately plants with spikes of cardinal red flowers; perennial.....	\$0.50	\$4.00
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## LUPINUS (Annuals)

	Trade pkt.	Oz.	1/4 lb.
<b>Pink.</b> .....	\$0.15	\$0.25	\$0.80
<b>Rich Blue.</b> .....	.15	.25	.80
<b>Sky Blue.</b> .....	.15	.25	.80
<b>Scarlet, White Tipped.</b> .....	.15	.25	.80
<b>White.</b> .....	.15	.25	.80
<b>Yellow.</b> .....	.15	.40	1.40
<b>Mixed.</b> .....	.15	.25	.80

## LUPINUS—Perennial Varieties

<b>Polyphyllus Blue.</b> .....	\$0.15	\$0.25
" <b>Roseus.</b> Soft pink.....	.20	.75
" <b>White.</b> .....	.15	.25
" <b>Mixed.</b> All colors.....	.15	.25

## LYCHNIS

	Trade pkt.	Oz.
<b>Chalcedonica.</b> Scarlet cross-like flowers; 2 feet.....	\$0.15	\$0.35
<b>Haageana Hybrida.</b> Mixed; various colors; 1 foot....	.40	2.00



# MICHELL'S "DISTINCTIVE" FLOWER SEEDS



*Myosotis—Alpestris Victoria*

## MIGNONETTE

Valuable for cutting on account of its fragrance.

	Trade	pkt.	Oz.
Allen's Defiance. Large spikes.....	(1/4 lb., \$1.25)	\$0.15	\$0.40
Bismarck. Large compact spikes.....		.20	.75
Golden Machet. Large golden yellow.....		.15	.50
Goliath. Giant spikes; extra fine.....		.25	1.00
Machet. Improved and selected.....	(1/4 lb., \$1.50)	.15	.50
Michell's Colossal. One of the finest sorts for forcing. Colossal spikes from 18 to 24 inches high....		.50	6.00
Sweet Scented. Large flowering.....	(1/4 lb., 40c.)		.15

## MUSA

Ensete (*Abyssinian Banana*). 50c. per 25 seeds; 100 seeds, \$1.25.

## MYOSOTIS (Forget-Me-Not)

	Trade	pkt.	Oz.
Alpestris Victoria. Bright blue; dwarf.....	\$0.25	\$1.50	
Dissitiflora. Deep blue; early flowering.....	.40	4.00	
Eliza Fanrobert. Blue; fine for pots.....	.25	1.00	
Grandiflora Alba. White.....	.25	1.00	
Grandiflora Rosea. Pink.....	.25	1.00	
Michell's Winter Flowering. The finest variety for forcing; long stems; large deep blue flowers; sow seed in cold frame in June and transplant to a cool house for winter blooming.....	.50	3.50	
Palustris. Heavy, robust plants; deep blue.....	.40	2.00	
Palustris Semperflorens. Everblooming, blue....	.40	2.50	
Royal Blue. Erect growing; rich blue.....	.20	.75	
Ruth Fischer. Large; true blue....	(1/16 oz., \$1.00)	.50	
Choice Mixed.....	.15	.60	

## MICHELL'S GIANT PANSIES

Our strains of this popular flower are procured from the leading Pansy specialists, and cannot be surpassed for size and form, beautiful markings and brilliancy of colors and shadings.

### GIANT STRAIN IN SEPARATE COLORS

	Trade	pkt.	Oz.	1/4 lb.
Giant Prize. Azure Blue.....	\$0.40	\$2.00	\$7.50	
" " Black Blue.....	.40	2.00	7.50	
" " Emperor William. Blue....	.40	2.00	7.50	
" " Hortensia Red.....	.40	2.00	7.50	
" " King of the Blacks.....	.40	2.00	7.50	
" " Lord Beaconsfield. Purple violet.....	.40	2.00	7.50	
" " Peacock. Blue, claret and white.....	.40	2.00	7.50	
" " Snow Queen. Pure white....	.40	2.00	7.50	
" " Striped and Mottled.....	.40	2.00	7.50	
" " White with Eye.....	.40	2.00	7.50	
" " Pure Yellow.....	.40	2.00	7.50	
" " Yellow with Eye.....	.40	2.00	7.50	

### REGULAR STRAIN IN SEPARATE COLORS

	Trade	pkt.	Oz.	1/4 lb.
Belgian Striped.....	\$0.25	\$1.50	\$5.50	
Emperor William. Blue.....	.25	1.50	5.50	
Faust, or King of the Blacks.....	.25	1.50	5.50	
Gold Margined. Purple, golden edge.....	.25	1.50	5.50	
Havana Brown.....	.25	1.50	5.50	
Lord Beaconsfield. Purple violet.....	.25	1.50	5.50	
Mahogany Colored.....	.25	1.50	5.50	
Silver Edged. Purple, silver edge.....	.25	1.50	5.50	
Snow Queen. Pure white.....	.25	1.50	5.50	
White with Eye.....	.25	1.50	5.50	
Yellow Gem. Pure yellow.....	.25	1.50	5.50	
Yellow with Eye.....	.25	1.50	5.50	

### GIANT FLOWERING PANSIES IN MIXTURE

**Michell's Giant Exhibition, Mixed.** A giant strain which we have secured from the leading Pansy specialists, both at home and abroad. For size of bloom, heavy texture and varied shades and colors, with their distinct markings, this strain cannot be excelled. 30c. per 1/2 trade pkt.; trade pkt., 50c.; \$1.25 per 1/4 oz.; per 1/4 oz., \$2.00; \$7.00 per oz.; 1/4 lb., \$26.00.

**Triumph of the Giants, Mixed.** Produces on long stems flowers of immense size; many beautiful, rich and rare shades. 60c. per 1/2 trade pkt.; trade pkt., \$1.00; \$2.25 per 1/4 oz.; per oz., \$8.00; \$30.00 per 1/4 lb.



*Michell's Giant Exhibition Pansy*

### PANSIES IN MIXTURE (Continued)

	Trade	pkt.	Oz.	1/4 lb.
Bugnot, Odier and Cassier. A superb mixture of most brilliant colors and markings; flowers extra large.....	\$0.50	\$3.50	\$12.50	
Giant Trimardeau Mixed. Very large flowering in a good range of colors.....	.30	2.25	8.00	
Mad. Perret. Especially rich in red shades; flowers are of large size and borne freely....	.50	3.00	11.00	
Masterpiece ( <i>Frisled Pansy</i> ). Beautiful rich colors; petals curled or waved.....	.50	5.00	18.00	
Odier or Blotched. A distinct fine strain....	.50	3.50	13.00	
Parisian Large Stained. Large flowering....	.50	2.50	9.00	
Finest English Mixed. Large flowering.....	.25	1.50	5.00	
Very Fine Mixed.....	.20	1.25	4.50	





Michell's  
Giant Exhibition Pansies  
Mixed Colors

Unsurpassed for size of bloom, heavy texture and beautiful colorings. Half trade pkt., 30c.; 50c per trade pkt.;  $\frac{1}{8}$  oz., \$1.25; \$2.00 per  $\frac{1}{4}$  oz.; oz., \$7.00; \$26.00 per  $\frac{1}{4}$  lb.



# MICHELL'S "DISTINCTIVE" FLOWER SEEDS

## PENTSTEMON

Sensation. Largely used for bedding; should be treated the same as Petunias, Verbenas, etc.; mixed colors..... \$0.30 \$2.50  
 New Hybrids Mixed. Hardy perennial; large spikes .30 2.00

## PHLOX (Hardy)

Decussata. Choice mixed..... .30 2.00

## PINKS. (See Carnation and Dianthus)

## PLATYCODON (Chinese Bell Flower)

A very desirable perennial; handsome for garden decoration; bell shaped flowers. Trade pkt. Oz.

Grandiflorum. Blue..... \$0.25 \$1.00  
 Grandiflorum Alba. White..... .25 1.00

## POLYANTHUS (Primula Elatior)

Beautiful spring flowering hardy perennials, for pot culture or the garden. Trade pkt. Oz.

Gold Laced. Very showy..... \$0.40 \$3.50  
 Double Mixed..... .60  
 English. Single mixed..... .40 2.50



Oriental Poppy

## POPPY PERENNIAL VARIETIES

	Trade	pkt.	Oz.
Giant Scarlet.....	\$0.15		\$0.50
Iceland (Nudicaule). White.....	.25		1.25
" Yellow.....	.25		1.25
" Single Mixed.....	.25		1.00
Orientele. Deep scarlet.....	.15		.75
" Hybrids. Mixed colors.....	.25		1.00

## PUERARIA (Kudzu Vine)

Thunbergiana. Perennial climber; rosy purple pea-shaped flowers..... .15 .40

## PYRETHRUM (Perennial)

Roseum. Pink.....	.40	2.00
Uliginosum (Giant White Daisy).....	.40	1.50
Hybridum. Single mixed.....	.30	1.50
" Double mixed (1/8 oz., \$1.00).....	.50	

## RESEDA. (See Mignonette)



Michell's Prize Chinese Primula

## MICHELL'S "DISTINCTIVE" PRIMROSES PRIMULA CHINENSIS FIMBRIATA

We have a superb strain, grown for us exclusively by the best specialists in Europe. The plants are compact; individual and clusters of flowers immense; colors superb, and mostly fringed petals. Our strain cannot be surpassed.

	Trade	Trade
	1/2 Pkt.	1 Pkt.
Alba Magnifica. White..... (1/32 oz., \$1.50)	\$0.60	\$1.00
Chiswick Red. Bright red..... (1/32 oz., 1.75)	.60	1.00
Duchess. White with zone of rosy carmine, yellow eye..... (1/32 oz., 1.75)	.60	1.00
Holborn Blue..... (1/32 oz., 2.25)	.60	1.00
Kermesina Splendens. Crimson..... (1/32 oz., 1.75)	.60	1.00
Rosy Morn. Pink..... (1/32 oz., 2.25)	.60	1.00
Michell's Prize Mixture. This mixture contains only the very finest sorts selected from the best strains..... (1/16 oz., 3.00)	.60	1.00

## PRIMULA OBCONICA

These are splendid pot plants for winter blooming. Trade pkt.

Gigantea Alba. White..... (1/32 oz., \$2.00)	\$0.50
" Coerulea. Blue..... (1/32 oz., 2.00)	.50
" Kermesina. Crimson..... (1/32 oz., 2.00)	.50
" Lilacina. Pale lilac..... (1/32 oz., 2.00)	.50
" Rosea. Pink..... (1/32 oz., 2.00)	.50
" Hybrida. Mixed..... (1/32 oz., 1.50)	.50
" MONSTER. A large flowering strain grown by a specialist.	
" Apple Blossom. Soft pink.....	1.00
" Kermesina. Deep crimson.....	1.00
" Plathii. Brilliant deep rose.....	1.00
" Rosea. Pink.....	1.00
" Mixed Colors.....	1.00
Grandiflora Fimbriata. Fringed; mixed..... (1/32 oz., \$1.75)	.50
Grandiflora Vesuvius. Deep crimson..... (1/32 oz., 2.50)	.50

## PRIMULA, VARIOUS SORTS

Kewensis (Verbena Scented Yellow Primrose). Of strong growth; long spikes of yellow flowers..... (1/16 oz., \$1.25)	.50
Malacoides (Improved Baby Primrose). Color, light lilac (1/16 oz., \$1.00)	.50
Malacoides Alba. Pure white..... (1/16 oz., 1.25)	.50
Malacoides Alba Plena. Double white.....	.60
Malacoides Superba. Deep rosy pink flowers.....	.30
Veris (Cowslip). Mixed..... (Oz., \$1.50)	.40

San Antonio, Texas.  
 Primula Obconica raised from your seed has given in quantity and quality, brilliant results. W. S.



# MICHELL'S GIANT FLOWERING PRIMULAS



Our strains of these are the very best obtainable; florists can build up a big trade on them.

*Trade Pkts.*

1 Malacoides . . . . .	.50
2 Obconica Gig. Rosea . . . . .	.50
3 Obconica Kermesina, Monster . . . . .	1.00
4 Obconica Lilacina . . . . .	.50
5 Obconica Apple Blossom, Monster . . . . .	1.00
6 Obconica Vesuvius . . . . .	.50
7 Obconica Kermesina . . . . .	.50

See body of Catalog for Prices on Larger Quantities



# MICHELL'S "DISTINCTIVE" FLOWER SEEDS

## RUDBECKIA (Cone Flower)

Tall growing plants, flowering profusely all summer.

	Trade pkt.	Oz.
<b>Newmani.</b> Hardy perennial; yellow.....	\$0.30	\$1.25
<b>Purpurea</b> ( <i>Giant Purple Cone Flower</i> ). Hardy perennial; reddish purple flowers.....	.25	1.25

## SCHIZANTHUS (Butterfly Flower)

Trade pkt. Oz.

<b>Garraway's Hybrids.</b> A beautiful strain for greenhouse, containing a wide range of colors.....	\$0.50	
<b>Hybridus Grandiflorus.</b> Dwarf; mixed colors....	.20	\$0.75
<b>Pink Beauty.</b> A beautiful shade of rose pink. Pkt., 35c.; \$1.00 per 3 pkts.		
<b>Wisetonensis.</b> Various colors; fine for pots.....	.30	1.25
<b>Mixed.</b> All colors.....	.15	.30

## SHASTA DAISY. (See Chrysanthemum)

## SCABIOSA

Trade pkt. Oz.

<b>Caucasica.</b> Perennial; lilac.....	\$0.40	\$3.50
" <b>Alba.</b> White.....	.40	3.50
<b>Japonica.</b> Perennial; lavender blue.....	.15	.60

## SHAMROCK

<b>True Irish</b> .....	( $\frac{1}{4}$ lb., \$2.50)	.20	.75
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## SMILAX (*Myrsiphyllum Asparagoides*)

A desirable greenhouse climber of great value for floral decorations. Trade pkt., 15c.; 30c. per oz.;  $\frac{1}{4}$  lb., \$1.00; \$3.75 per lb.

## SNAPDRAGON. See Antirrhinum.

## STATICE (Everlasting Flower)

Trade pkt. Oz.

<b>Latifolia.</b> Perennial; large, deep blue flowers; valuable for cutting or decoration, either when fresh or in their dried state.....	\$0.25	\$1.00
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# MICHELL'S "DISTINCTIVE" STOCKS

Stocks are invaluable, and are one of the most profitable flowers to raise, provided you sow the right strains. For years we have made a specialty of supplying "Distinctive" strains, which are easily distinguished by their superior quality, strong germination and a remarkably small percentage of single flowers.

## MICHELL'S FLOWER MARKET STOCK

A branching stock of remarkable vigor of growth and size of bloom; produces its flowers evenly distributed over the stem and very early. A single plant will produce from 10 to 15 separate flower branches equally perfect.

	$\frac{1}{2}$ Trade Pkt.	Trade Pkt.	Oz.
<b>Blood Red</b> .....	\$0.30	\$0.50	\$2.50
<b>Dark Blue</b> .....	.30	.50	2.50
<b>Flesh Pink</b> .....	.30	.50	2.50
<b>Light Blue</b> .....	.30	.50	2.50
<b>Rose Pink</b> .....	.30	.50	2.50
<b>White</b> .....	.30	.50	2.50
<b>Mixed Colors</b> .....	.30	.50	2.25

## MICHELL'S EARLY FLOWERING "NICE" STOCK

A branching stock literally covered with blooms, which appear earlier than in any other strain. The colors are very distinct, so much so that they are not reproduced in any other strain.

	$\frac{1}{2}$ Trade Pkt.	Trade Pkt.	Oz.
<b>Abundance.</b> Dwarf, spreading habit; color carmine-rose.....	\$0.30	\$0.50	\$2.50
<b>Beauty of Nice.</b> Charming delicate pink....	.30	.50	2.50
<b>Crimson King.</b> Deep red.....	.30	.50	2.50
<b>La Brillante.</b> Rich brilliant crimson.....	.30	.50	2.50
<b>Midsummer Night.</b> Deep dark violet.....	.30	.50	2.50
<b>Mont Blanc.</b> Pure white.....	.30	.50	2.50
<b>Monte Carlo.</b> Canary yellow.....	.30	.50	2.50
<b>Old Rose (New).</b> Extra fine.....	.30	.50	2.50
<b>Queen Alexandra.</b> Delicate lavender.....	.30	.50	2.50
<b>Choice Mixed.</b> All colors.....	.30	.50	2.00

## LARGE FLOWERING DWARF TEN WEEK STOCK

For bedding there is nothing more effective; dwarf compact plants with fine spikes of double flowers. Our seed is selected from extra fine plants and will produce a large percentage of double flowers.

	$\frac{1}{2}$ Trade Pkt.	Trade Pkt.	Oz.
<b>Blood Red</b> .....	\$0.25	\$0.40	\$2.50
<b>Crimson</b> .....	.25	.40	2.50
<b>Light Blue</b> .....	.25	.40	2.50
<b>Pink</b> .....	.25	.40	2.50
<b>Purple Violet</b> .....	.25	.40	2.50
<b>White</b> .....	.25	.40	2.50
<b>Yellow</b> .....	.25	.40	2.50
<b>Mixed</b> .....	.25	.40	2.00



Stock, Michell's Flower Market

## STOCKS (Various Sorts)

	$\frac{1}{2}$ Trade Pkt.	Trade Pkt.	Oz.
<b>Dresden Perpetual (New).</b> Lustrous carmine.....	\$0.30	\$0.50	\$1.00
<b>Princess Alice</b> ( <i>Cut-and-Come-Again</i> ). Of branching habit; pure white.....	.30	.50	2.50

## TESTIMONIAL

Abilene, Kan.

Our memorial crop of Stocks (seed purchased from your firm) were as fine as any we have ever seen.

M. B.



# MICHELL'S EARLY OR WINTER FLOWERING SPENCER SWEET PEAS

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## NEWER VARIETIES (Continued)

<b>Princess.</b> Flowers large; color, a lovely shade of soft lavender suffused mauve; nicely waved.....	Oz.	¼ lb.	Lb.
	\$0.80	\$2.40	\$8.00
<b>White Star.</b> An extra fine black-seeded, pure white variety; flowers of enormous size, produced in fours and well waved.....	1.00	3.00	10.00

## GENERAL LIST

The following list of Early or Winter Flowering Sweet Peas has been selected from a long list of varieties as being the best for florists use. Almost every shade and color is represented in the list.

<b>Asta Ohn.</b> Identical in color and size of blossom to the late flowering Asta Ohn; a fine lavender.....	Oz.	¼ lb.	Lb.
	\$0.60	\$1.80	\$6.00
<b>Aviator.</b> Flowers extra large; color, dazzling crimson scarlet.....	.60	1.80	6.00
<b>Blue Bird.</b> A charming shade of blue.....	.60	1.80	6.00
<b>Bohemian Girl.</b> Flowers large; color, a beautiful deep pink.....	.60	1.80	6.00
<b>Cherry Ripe.</b> Cherry or salmon cerise.....	.60	1.80	6.00
<b>Columbia.</b> Salmon color standard; white wings.....	.80	2.40	8.00
<b>Enchantress.</b> Bright rose pink, shading deeper toward the edges.....	.60	1.80	6.00
<b>Fire King.</b> Color, fire-red or cerise-scarlet, or it may be described as a deep orange scarlet.....	.60	1.80	6.00
<b>Glitters (Early Royal Scot).</b> Standard bright fiery orange; wings deep orange.....	.80	2.40	8.00
<b>Heather Bell.</b> Flowers large and borne in threes and fours on long stems; color, a rich mauve lavender.....	.60	1.80	6.00
<b>Lavender King.</b> Rich, true deep lavender throughout; of large size and well waved....	.60	1.80	6.00
<b>Mauve Beauty.</b> Color, a pleasing shade of rosy mauve; flowers large.....	.60	1.80	6.00
<b>Meadow Lark.</b> A rich cream variety; many of the flowers are duplexed and borne in fours and threes.....	.60	1.80	6.00
<b>Melody.</b> Color rose pink on white ground; long stems, well waved blossoms.....	.60	1.80	6.00
<b>Mrs. A. A. Skaach.</b> Flowers very large; color, a beautiful clear bright pink.....	.60	1.80	6.00
<b>Mrs. M. Spanolin.</b> Black seeded; pure white; free bloomer.....	.60	1.80	6.00
<b>Othello.</b> Flowers large; color a beautiful maroon.....	.60	1.80	6.00
<b>Pink Beauty.</b> Color, soft rose pink on white ground; richer toward edges.....	.60	1.80	6.00
<b>Primrose Beauty.</b> Deep primrose flushed with rose; of large size.....	.60	1.80	6.00
<b>Rose Queen.</b> One of the finest varieties. The flowers are borne on long stems, are of large size and free bloomers; usually four flowers are produced on a stem; color a most attractive shade of pink. Greenhouse grown seed..... (¼ oz., \$1.00)	3.00	10.00	35.00
Outdoor grown seed.....	.60	1.80	6.00
<b>Snow Flake.</b> Large and of the best waved Spencer form. The pure white flowers are borne in wonderful profusion on long stems.....	.60	1.80	6.00
<b>Snowstorm.</b> One of the best early flowering white Sweet Peas to date; immense flowers usually borne in fours.....	.60	1.80	6.00
<b>True Blue.</b> A charming blue self; flowers large and much waved.....	.80	2.40	8.00
<b>White Orchid.</b> Pure white.....	.60	1.80	6.00
<b>Yarrowa.</b> Flowers exquisitely waved, of large size, many of them being duplex or double. Color, a pleasing shade of bright rose pink with lighter wings.....	.60	1.80	6.00
<b>Zvolanek's Rose.</b> Extra large; color, rose pink.....	1.00	3.00	10.00
<b>Mixed, Winter Flowering Spencer.</b> .....	.50	1.75	6.00



Sweet Pea, Mrs. Kerr

## NEWER VARIETIES

The following varieties but recently introduced have proven to be a great improvement in the Winter Flowering Spencer Sweet Peas. They are of special merit as regards size and form of flowers and length of stem.

	Oz.	¼ lb.	Lb.
<b>Burpee's Orange.</b> Finest clear glistening orange; flowers of largest size and produced in threes and fours on long stems.....	\$2.00	\$6.00	\$18.00
<b>Miss Louise Gude.</b> Large flowering; color, shell pink.....	1.00	3.00	10.00
<b>Mrs. Kerr.</b> Flowers of immense size; color, a pleasing shade of rich salmon, overlaid with a soft tinge of orange; one of the best florists varieties.....	1.00	3.00	10.00
<b>Mrs. Warren G. Harding.</b> A deep shade of silvery blue; of immense size and beautifully waved.....	1.00	3.00	10.00



# MICHELL'S "DISTINCTIVE" FLOWER SEEDS

## STOKESIA (Cornflower Aster)

One of the most desirable hardy perennial plants for the border and excellent for cutting.

	Trade pkt.	Oz.
Cyanea. Lavender blue.....	\$0.25	\$1.50
Cyanea Alba. Pure white.....	.30	1.75

## SUNFLOWER (Perennial Varieties)

Choice Mixed. Single flowered.....	.30	1.75
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## SWEET ALYSSUM. (See Alyssum)

## SWEET ROCKET (Hesperis)

Mixed. Perennial; purple and white.....	.15	.30
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Single Sweet William

## SWEET WILLIAM (Dianthus Barbatius)

	Trade pkt.	Oz.	1/4 lb.
Auricula Flowered. Single mixed.....	\$0.15	\$0.60	\$2.25
Single Crimson.....	.15	.50	1.75
Single Pink Beauty. Salmon pink.....	.30	1.25	4.50
Single Scarlet Beauty. Rich deep scarlet.....	.30	1.25	4.50
Single Velvety Maroon.....	.15	.50	1.75
Single White.....	.15	.50	1.75
Single Mixed. All colors.....	.15	.35	1.25
Double Mixed. All colors.....	.15	.60	2.25

## VALERIANA (Garden Heliotrope)

	Trade pkt.	Oz.
Mixed. Hardy perennial border plant, with large fragrant flowers.....	\$0.15	\$0.50

## VERONICA (Speedwell)

A showy, hardy perennial border plant of easy culture; fine for bouquets.

	Trade pkt.	Oz.
Spicata. Blue.....	\$0.25	\$1.50

## VIOLA CORNUTA (Tufted Pansies)

	Trade pkt.	Oz.
Admiration. Dark blue.....	\$0.40	\$2.25
Mauve Queen. Lovely mauve color.....	.40	2.25
Perfection. Light blue.....	.40	2.50
White Perfection. Pure white.....	.40	2.50
Mixed. All colors.....	.30	1.75

## VIOLA (Scotch Bedding Pansies)

Produces larger flowers than the Cornuta varieties.

	Trade pkt.	Oz.
Golden Gem. Yellow.....	\$0.40	\$2.25
Lutea Splendens. Yellow.....	.40	2.25
Snowflake. Pure white.....	.40	2.25
Mixed. From best-named Scotch varieties.....	.40	2.25

## WALLFLOWER

Double Brown.....	(1/4 oz., \$1.50)	\$0.40
" Yellow.....	(1/4 oz., 1.50)	.40
" Mixed.....		.40 \$4.00
Paris Extra Early. Single flowering; blooms the first year from seed; excellent for forcing.		
Paris Extra Early Blood Red.....	.15	.50
" " " Yellow.....	.15	.50
" " " Mixed.....	.15	.40
Single Mixed.....	.15	.25



Zinnia, Giant Dahlia Flowered

## GIANT DAHLIA FLOWERED ZINNIA

This new strain of Zinnias which is entirely distinct from the ordinary Giant Flowering class is valuable for growing under glass for cutting, requiring the same treatment as the Calendula. One of our customers writes that he planted the Zinnias in September and exhibited at the Chrysanthemum Show in Philadelphia, in November, blooms on disbudded stems that measured 6 inches in diameter; stems 2 to 3 feet long. Cutting them 3 eyes from the ground they made new breaks and were in bloom by the thousands Christmas and late in January. As a quick summer crop under glass they pay well. The flowers so closely resemble Dahlias that when placed by their side it is difficult to distinguish one from the other. The range of colors, not only include the usual shades but also old rose, cerise, strawberry-red, etc. We can only offer the seed at the present time in mixed colors. Per trade pkt., 40c.; \$2.00 per oz.; 1/4 lb., \$7.50.

Enclosed find spring order for flower seeds and plants. I have had about 8 years' success with your flower seeds and plants, so am sending you another order.

Lowell, Mass.  
Yours truly,  
R. H. C.



## BEANS (Dwarf Green Podded Varieties)

	Lb.	2 lbs.	5 lbs.	10 lbs.	25 lbs.
Black Valentine.....	\$0.25	\$0.45	\$1.05	\$2.00	\$4.75
Bountiful.....	.25	.45	1.05	2.00	4.75
Early Mohawk.....	.25	.45	1.05	2.00	4.25
Extra Early Refugee....	.30	.50	1.20	2.20	5.25
Mammoth Stringless....	.25	.45	1.05	2.00	4.75
Masterpiece.....	.50	.90	2.00	3.75	
Red Valentine (Imp.)....	.25	.45	1.05	2.00	4.25
Stringless Green Pod (Improved).....	.25	.45	1.05	2.00	4.75
Triumph of the Frames	.50	.90	2.00		

## BEANS (Dwarf Wax Varieties)

	Lb.	2 lbs.	5 lbs.	10 lbs.	25 lbs.
Black Wax.....	\$0.25	\$0.45	\$1.05	\$2.00	\$4.50
Currie's Rust Proof....	.25	.45	1.05	2.00	4.50
Golden Wax Rust Proof (Michell's Improved)....	.25	.45	1.05	2.00	4.50
Refugee Wax.....	.25	.45	1.05	2.00	4.50
Round Podded Kidney....	.30	.50	1.20	2.20	5.25
Sure Crop Stringless....	.25	.45	1.05	2.00	4.50
Wardwell's Kidney.....	.30	.50	1.20	2.20	5.25

## DWARF SHELL BEANS (For Soups or Baking)

	Lb.	2 lbs.	5 lbs.	10 lbs.	25 lbs.
Boston Navy or Pea....	\$0.25	\$0.45	\$1.05	\$2.00	\$4.25
Broad Windsor.....	.35	.65	1.50	2.80	6.50
Dwarf Horticultural....	.30	.50	1.20	2.20	5.25
White Marrowfat.....	.25	.45	1.05	2.00	4.50



## BEET (Table Varieties)

	Oz.	¼ lb.	Lb.	5 lbs.
Arlington Favorite.....	\$0.10	\$0.30	\$1.00	\$4.50
Bassano (Extra Early)....	.10	.20	.65	3.00
Bastian's Extra Early....	.10	.20	.60	2.50
Bastian's Half Long.....	.10	.25	.85	3.75
Crimson Globe.....	.10	.25	.85	3.75
Crosby's Egyptian.....	.10	.25	.85	3.75
Detroit Dark Red.....	.10	.25	.85	3.75
Detroit Dark Red (Michell's Special Strain).....	.15	.45	1.50	6.75
Eclipse.....	.10	.25	.85	3.75
Lentz Early.....	.10	.30	1.00	4.50
Michell's Ideal.....	.15	.45	1.50	6.75
Michell's Winter Keeper....	.25	.70	2.50	9.00

## CARROTS

	Oz.	¼ lb.	Lb.	5 lbs.
Chantenay Half Long.....	\$0.10	\$0.35	\$1.10	\$4.50
Danver's Half Long.....	.10	.35	1.10	4.50
Early Half Long Scarlet....	.10	.35	1.00	4.00
Early Scarlet Horn.....	.15	.45	1.50	6.25
Guerande or Oxheart.....	.10	.30	1.00	4.00
Improved Long Orange.....	.10	.35	1.10	4.50
Orange Beauty.....	.10	.35	1.10	4.50
Rubicon Half Long.....	.10	.35	1.10	4.50
Very Early Short Horn Scarlet...	.15	.45	1.50	6.25
White Belgian.....	.07	.20	.60	2.75

## CORN—SUGAR (Early Varieties)

	Lb.	2 lbs.	5 lbs.	10 lbs.	25 lbs.
Adams Extra Early.....	\$0.15	\$0.25	\$0.55	\$1.00	\$2.25
Bantam Evergreen.....	.20	.35	.80	1.50	3.50
Early Evergreen.....	.20	.35	.80	1.50	3.25
Early Mayflower.....	.25	.45	1.00	1.75	3.75
Golden Bantam.....	.20	.35	.80	1.50	3.25
Golden Cream.....	.20	.35	.80	1.50	3.25
Golden Giant.....	.40	.75	1.60	3.00	6.50
Howling Mob.....	.20	.35	.80	1.50	3.25
Ideal.....	.15	.25	.55	1.00	2.25
Stabler's Extra Early....	.20	.35	.80	1.40	3.00
Sugar Kernel.....	.45	.80	1.85	3.50	7.50

## CORN—SUGAR (Medium and Late Varieties)

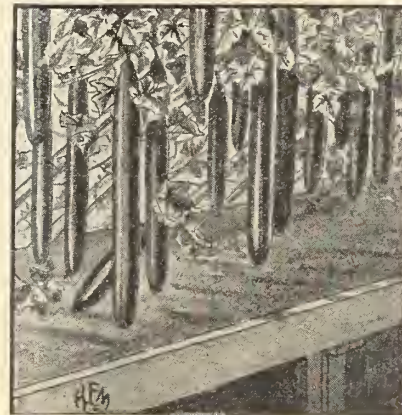
	Lb.	2 lbs.	5 lbs.	10 lbs.	25 lbs.
Black Mexican.....	\$0.20	\$0.35	\$0.80	\$1.50	\$3.25
Country Gentlemen.....	.20	.35	.80	1.50	3.25
Kendel's Early Giant....	.20	.35	.80	1.50	3.25
Late Mammoth.....	.20	.35	.80	1.50	3.25
Little Gem or Shoe Peg....	.20	.35	.85	1.60	3.50
Michell's Delicious.....	.20	.35	.80	1.50	3.25
Stowell's Evergreen.....	.20	.35	.80	1.40	3.00

## CORN SALAD

	Oz.	¼ lb.	Lb.
Large Leaved (Round Seeded).....	\$0.15	\$0.40	\$1.25

## CUCUMBER

	Oz.	¼ lb.	Lb.
Davis' Perfect.....	\$0.10	\$0.30	\$1.00
Early Fortune.....	.10	.25	.75
Evergreen.....	.10	.30	1.00
Gherkin or Burr.....	.20	.60	2.00
Japanese Climbing.....	.15	.50	1.50
Jersey Pickle or Green Prolific.....	.10	.30	1.00
Long Green Turkey.....	.10	.35	1.10
White Spined (Arlington Improved).....	.10	.30	1.00



English Greenhouse Cucumbers

## ENGLISH CUCUMBERS FOR FORCING

Lockie's Perfection,  
Sion House, Tele-  
graph, Tender and  
True. Pkt. (12 seeds),  
20c.; \$1.50 per 100  
seeds.

## GARDEN CRESS (Pepper Grass)

Extra Curled. 5c. per  
oz.; ¼ lb., 15c.; 50c.  
per lb.

## DANDELION

	Oz.	¼ lb.	Lb.
Thick Leaved or Cabbaging.....	\$0.50	\$1.75	\$6.00

## ENDIVE

	Oz.	¼ lb.	Lb.
Broad Leaved Batavian (Escarolle).....	.10	.30	1.00
Giant Fringed.....	.10	.30	1.00
Improved Green Curled.....	.10	.30	1.00
White Curled (Self Blanching).....	.10	.30	1.00

## KALE OR BORECOLE

	Oz.	¼ lb.	Lb.	5 lbs.
Dwarf Green Curled.....	\$0.10	\$0.25	\$0.85	\$3.75
Imperial Long Standing.....	.10	.25	.75	3.50
Siberian.....	.10	.25	.75	3.50



# MICHELL'S VEGETABLE SEEDS, Etc.



*New York or Wonderful Lettuce*

## LETTUCE (Heading Varieties)

	Oz.	¼ lb.	Lb.
All Heart.....	\$0.15	\$0.40	\$1.25
All Right ( <i>Michell's</i> ).....	.10	.30	1.00
Big Boston.....	.15	.40	1.25
Boston Market.....	.15	.40	1.25
Davey's Improved Big Boston.....	.15	.50	1.50
Dutch Butter (Private Stock).....	.15	.40	1.25
Hanson Improved.....	.10	.30	1.00
Iceberg.....	.15	.40	1.25
May King.....	.15	.40	1.25
Michell's Number One.....	.10	.30	1.00
New York or Wonderful.....	.20	.65	2.25
Prize Head.....	.10	.30	1.00
Salamander ( <i>Mammoth</i> ).....	.15	.40	1.25
Unrivaled.....	.15	.50	1.50
Way-a-head.....	.15	.40	1.25

## LETTUCE (Loose Leaf Varieties)

Black Seeded Simpson.....	\$0.15	\$0.40	\$1.25
Early Curled Simpson.....	.10	.30	1.00
Grand Rapids.....	.15	.40	1.25
Silesian.....	.10	.30	1.00

## LETTUCE (Cos or Romaine)

Kingsholm Cos.....	\$0.15	\$0.40	\$1.25
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## MELONS FOR FORCING

	Per pkt.
Blenheim Orange.....	\$0.25
Invincible Scarlet.....	.25
Windsor Castle.....	.25
Sutton's A1.....	(In original pkts.) 1.00

# MICHELL'S MUSHROOM SPAWN

## PURE CULTURE SPAWN

### In Carton Form.

Every florist and market gardener should grow mushrooms as a side line; they are very profitable and always find a ready sale. There is always some space under greenhouse benches or in boiler houses where mushrooms will grow; they require no special conditions that a greenhouse man cannot give and with the use of carton or bottle spawn seldom fail.

### SOMETHING NEW IN MUSHROOM SPAWN

We are now prepared to offer spawn that is made in quart milk jars under absolutely sterile conditions. The bottle and materials are sterilized under steam pressure of twelve pounds, so that every mold, seed or insect is destroyed and each bottle contains nothing but the pure spawn. Every particle is full run, covered with spawn grown direct from the spores, nature's own way of reproducing mushrooms. The cost is not much more than brick spawn considering how much further it goes; each jar contains enough for 30 to 40 square feet. The sterile spawn is dried thoroughly and each piece wrapped in tissue paper and contains full instructions, not only as to how the spawn should be used but all particulars about growing mushrooms. Anyone can order spawn and with it get the necessary knowledge to make growing it entirely successful. There is a rapidly increasing demand for fresh mushrooms, just as there is for hot-house tomatoes and other greenhouse products; the price is always good and markets are usually nearby.

### PRICES TO FLORISTS AND COMMERCIAL GROWERS

Per carton.....	\$0.85	25 cartons.....	\$18.75
12 cartons.....	9.50	60 cartons.....	42.00

If wanted by mail, allow 10c per carton for postage

### PURE CULTURE BRICK SPAWN

If wanted by mail allow for postage at the rate of 10c. per brick.

A crop is produced with good spawn, a little care and patience in about 4 to 6 weeks, and continues in bearing about two months. New beds can be started at intervals which will give a supply the entire season. The first planting can be made in July, the last in March. Summer spawned beds do not bear well. Ask for our Free Booklet on Mushroom Culture. 1 Brick will spawn 8 to 10 sq. ft.

**Direct No. 8. Cream White.** For use from April to October.

**Direct No. 9. Pure White.** For use from October to April.

Per Brick.....	\$0.30	Per 25 Bricks.....	\$5.00
Per 5 Bricks.....	1.25	Per 50 Bricks.....	10.00
Per 10 Bricks.....	2.10	Per 100 Bricks.....	19.00
Per 1000 Bricks.....			\$185.00



1. How spore spawn is made and prepared for sterilizing.

2. The spore product finished, ready for packing in cartons.

3. The wrapped spore spawn in round cartons where it will remain fresh almost indefinitely.

## MUSHROOM OR HOTBED THERMOMETERS

Heavy Galvanized Iron Point. (By mail \$1.90).....	\$1.75
Brass Point Wood Case Paper Scale. (By mail \$1.35).....	1.25

Thermometers should, wherever possible, be sent by express.

We do not guarantee safe arrival if forwarded by parcel post.

## MUSTARD

	Oz.	¼ lb.	Lb.
Southern Giant Curled.....	\$0.10	\$0.25	\$0.60
White or Yellow.....	.10	.25	.60



## PARSLEY

	Oz.	¼ lb.	Lb.	5 lbs.
Champion Moss Curled.....	\$0.10	\$0.25	\$0.75	\$3.00
Double Curled or Covent Garden	.10	.25	.75	3.00
Hamburg or Rooted.....	.10	.25	.75	3.00

## PEAS (Extra Early Varieties)

	Lb.	2 lbs.	5 lbs.	10 lbs.	25 lbs.	100 lbs.
Alaska.....	\$0.25	\$0.45	\$1.10	\$2.10	\$4.50	\$16.00
Ameer.....	.25	.45	1.10	2.10	4.75	18.00
Dandy Extra Early..	.25	.45	1.10	2.10	4.50	14.00
Early June.....	.25	.45	1.10	2.10	4.50	14.00
Early Morn.....	.30	.55	1.30	2.35	5.25	19.00
Gradus.....	.25	.45	1.10	2.10	5.00	19.00
Laxtonian.....	.30	.55	1.25	2.25	5.00	17.50
Little Marvel.....	.30	.55	1.25	2.25	5.00	17.50
Mitchell's Special						
Extra Early.....	.25	.45	1.10	2.10	4.00	13.00
Nott's Excelsior (Im-						
proved Strain).....	.25	.45	1.10	2.10	4.75	18.00
Sutton's Excelsior..	.25	.45	1.10	2.10	4.75	17.50
The Pilot or Leader	.25	.45	1.10	2.10	4.75	17.50
Thos. Laxton.....	.25	.45	1.10	2.10	5.00	19.00

## PEAS (Second Early Varieties)

Bliss Abundance...	\$0.25	\$0.45	\$1.10	\$2.10	\$4.50	\$14.00
Daisy or Dwarf Tele-						
phone.....	.25	.45	1.10	2.10	4.75	17.50
Long Island Mam-						
moth.....	.25	.45	1.10	2.10	4.75	17.50
Potlatch.....	.25	.45	1.10	2.10	4.75	17.50
Yankee Prince.....	.30	.55	1.25	2.25	5.00	17.50

## PEAS (Late Varieties)

Champion of Eng-						
land.....	\$0.25	\$0.45	\$1.10	\$2.10	\$4.75	\$17.00
Dwarf Champion...	.25	.45	1.10	2.10	4.50	14.00
Tall Telephone.....	.25	.45	1.10	2.10	4.75	16.50

## PEAS (Sugar or Edible Pod)

Dwarf Gray Sugar..	\$0.25	\$0.45	\$1.10	\$2.10	\$4.75	\$17.50
Tall Melting Sugar..	.30	.55	1.30	2.40	5.50	20.00

## SORREL

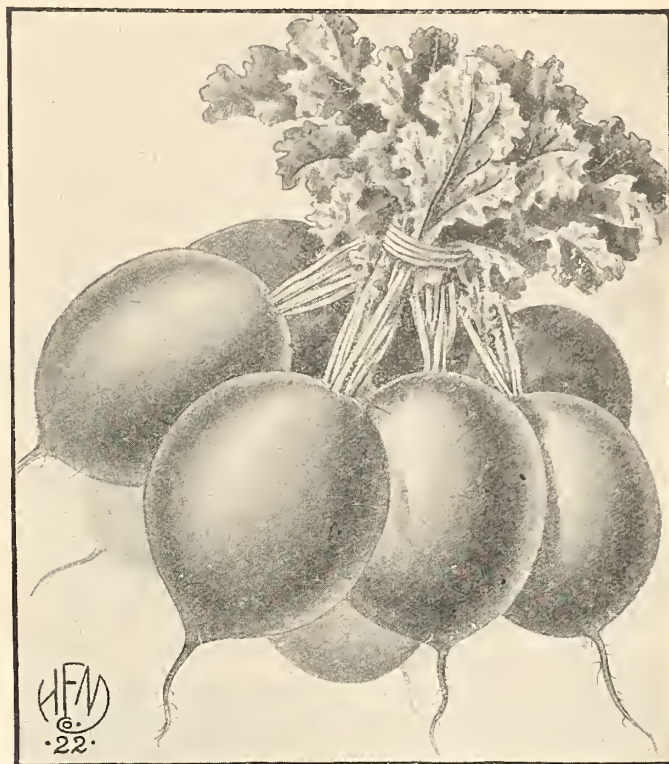
	Oz.	¼ lb.	Lb.
Broad Leaved French.....	\$0.15	\$0.45	\$1.50



Spinach, Bloomsdale Savoy

## SPINACH

	Oz.	¼ lb.	Lb.	5 lbs.	10 lbs.	25 lbs.	100 lbs.
Bloomsdale Savoy.....	\$0.05	\$0.15	\$0.40	\$1.75	\$3.00	\$6.75	\$25.00
Long Season.....	.05	.15	.45	1.90	3.50	8.00	30.00
Market Gardener's (New)			.75	3.25	6.00	13.75	45.00



Radish, Scarlet Globe (Special Forcing)

## RADISH (Early Varieties)

	Oz.	¼ lb.	Lb.	5 lbs.
Cardinal or Scarlet Globe (Imp'd.)..	\$0.10	\$0.30	\$0.85	\$3.75
Early French Breakfast.....	.10	.25	.75	3.25
Early Scarlet Globe (Special Forcing)	.15	.40	1.25	6.00
Icicle (Improved Strain).....	.10	.25	.75	3.25
Long Scarlet Short Top or Salmon..	.10	.25	.75	3.50
Round Red Forcing.....	.10	.25	.75	3.25
Scarlet Turnip White Tipped.....	.10	.25	.75	3.25
White Box (Felton's).....	.10	.25	.75	3.25

## RADISH (Summer and Winter Varieties)

	Oz.	¼ lb.	Lb.	5 lbs.
Celestial or White Chinese.....	\$0.10	\$0.25	\$0.75	\$3.25
China Rose.....	.10	.30	1.00	3.75
Half Long Black.....	.10	.20	.60	2.75
White Strasburg.....	.10	.25	.75	3.25

## SWISS CHARD

	Oz.	¼ lb.	Lb.	5 lbs.
Giant Lucullus.....	\$0.10	\$0.25	\$0.80	\$3.50

## TOMATO (Forcing Varieties)

	Oz.	¼ lb.	Lb.
Best of All.....	\$0.45	\$1.40	\$5.00
Comet.....	.40	1.35	5.00
Eclipse. (Original pkts., 75c.)			

## TURNIP

	Oz.	¼ lb.	Lb.	5 lbs.
Aberdeen.....	\$0.10	\$0.20	\$0.60	\$2.50
Cow Horn.....	.10	.20	.60	2.50
Early Purple Top Flat.....	.10	.20	.50	2.00
Purple Top White Globe (Private				
Stock).....	.10	.20	.60	2.50
Snowball.....	.10	.20	.60	2.50
Southern Seven Top.....	.10	.20	.65	3.00
Yellow Globe or Amber.....	.10	.20	.60	2.50

## RUTA BAGA

Private Stock Purple Top Yellow...	.10	.20	.65	3.00
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For full description of above varieties, see our Spring Wholesale Price List.



# 12 MICHELL'S RECLEANED GRASS AND FARM SEEDS

## GRASS MIXTURES FOR LAWNS

A complete description as to the adaptability of these grass seed mixtures will be furnished in our retail catalog, a copy of which may be had on request.

Lbs. Per Bu.	Qt.	4 qts.	Peck	Bu.	100 lbs.
30 Clover Lawn Grass Seed Mixture. For sandy soils, or for seashore lawns.....	\$0.40	\$1.30	\$2.50	\$10.00	\$32.00
25 Top Notch.....	.35	1.20	2.25	9.00	30.00
20 Green Velvet.....	.30	.90	1.75	6.50	27.50
20 Evergreen. The standard Lawn Mixture.....	.25	.75	1.40	5.00	22.50
20 Shaded Lawn. Will produce perfect swards in shaded places.....	.30	.90	1.75	6.50	30.00
20 Fairmount Park.....	.15	.60	1.15	4.50	20.00
20 Seashore Formula.....	.30	.90	1.75	6.50	30.00
20 Terrace or Embankment..	.30	.90	1.75	6.50	30.00
20 Southern States Evergreen. Especially for southern latitudes.....	.25	.75	1.40	5.00	22.50
20 Special Sod.....	.25	.75	1.40	5.00	22.50

## MIXTURES FOR PLEASURE GROUNDS

Lbs. Per Bu.	Qt.	4 qts.	Peck	Bu.	100 lbs.
20 Michell's Fair Green Mixture.....	\$0.25	\$0.75	\$1.40	\$5.00	\$22.50
25 Michell's Putting Green Mixture.....	.55	1.85	3.50	14.00	55.00
20 Michell's Teeing Grounds Mixture.....	.30	.90	1.75	6.50	30.00
20 Michell's Lawn Tennis Mixture.....	.30	.90	1.75	6.50	30.00
20 Michell's Athletic Field Mixture.....	.25	.75	1.40	5.00	22.50

## MISCELLANEOUS MIXTURES

Michell's Permanent Pasture Grass Seed. (20 lbs. per bu.) Prices: per qt., 20c.; 65c. per 4 qts.; peck, \$1.25; \$4.50 per bu.; 100 lbs., \$20.00.

Michell's Permanent Hayfield Grass Seed. (20 lbs. per bu.) Prices: per qt., 20c.; 65c. per 4 qts.; peck, \$1.25; \$4.50 per bu.; 100 lbs., \$20.00.

## GRASSES IN SEPARATE VARIETIES

Lbs. Per Bu.	Qt.	4 qts.	Peck	Bu.	100 lbs.
35 Bermuda Grass.....					
14 Blue Grass (Kentucky). Extra fancy; 5 to 6 bu. per acre.....					
14 Blue Grass (Canadian). 5 to 6 bu. per acre.....					
20 Creeping Bent. 4 bu. per acre.....					
21 Crested Dogtail. 4 to 5 bu. per acre.....					
14 Fescue, Chewing's New Zealand.....					
14 Fescue, Creeping.....					
14 Fescue, Fine Leaved. 5 bu. per acre.....					
12 Fescue, Hard. 6 to 7 bu. per acre.....					
22 Fescue, Meadow. 100 lbs. per acre.....					
14 Fescue, Red. 100 lbs. per acre.....					
12 Fescue, Sheep's.....					
32 Herd or Red Top (Recleaned).....					
10 Herd or Red Top. Unhulled; 5 to 6 bu. per acre.....					
14 Orchard. 50 lbs. per acre.....					
14 Rhode Island Bent. 60 lbs. per acre.....					
14 Rough Stalked Meadow.....					
24 Rye Grass, English (Pacey's Fancy Short Seeded). 5 bu. per acre.....					
18 Rye Grass, Italian. 100 lbs. per acre.....					
Sudan Grass.....					
Sweet Vernal (Perennial). 5 lbs. per acre with other grass.....					
Sweet Vernal (Annual). 5 lbs. per acre.....					
45 Timothy Seed. 1/2 bu. per acre alone.....					
14 Wood Meadow. 75 lbs. per acre.....					

Prices on separate varieties of Grass (Seeds will be quoted upon application.

## MICHELL'S FARM SEEDS

Prices where quoted, subject to market changes.

**Alfalfa** (*Medicago Sativa*). Non Irrigated Seed. (Grown in Kansas.) Sow 1/2 bu., 30 lbs. per acre during May, August or September. Price on application.

**Alfalfa** (*Grimm Strain*). This is claimed by some to be hardier than the Kansas grown seed. Price on application.

**Barley, Beardless.** Sow 1 1/2 to 2 bu. per acre from May 15th to July 1st. Price on application.

**Beans, Soja.** Sow 1 1/2 bu. per acre, during May. Mammoth Yellow, late. Wilson, early. Price on application.

**Broom Corn.** Early Evergreen. Sow 10 lbs. per acre during May. Price on application.

**Buckwheat.** Japanese. Sow 1 bu. per acre during June and July. Price on application.

**Clover, Alsike.** Sow 10 lbs. per acre during March, April or August. Price on application.

“ **Bokhara or Sweet.** Sow 15 lbs. per acre during April or August. Price on application.

“ **Crimson.** Sow 20 lbs. per acre during July or August. Price on application.

“ **Hubam.** Sow 12 lbs. per acre broadcast or 3 lbs. per acre in rows, early in Spring. Price on application.

“ **Mammoth Red.** Sow 20 lbs. per acre during March, April or August. Price on application.

“ **Red Medium.** Sow 20 lbs. per acre during March, April or August. Price on application.

“ **White Dutch.** Sow 10 lbs. per acre. Oz., 7c.; 20c. per 1/4 lb.; 1/2 lb., 38c.; 75c. per lb.; 5 lbs., \$3.65; \$7.10 per 10 lbs.; 60 lbs. (1 bu.), \$42.00; \$70.00 per 100 lbs. Price for larger quantity on application.

**Canada Field Peas.** Sow 1 1/2 bu. per acre, with 1 bu. of oats during April. This makes splendid green feed. Price on application.

**Cow Peas.** Sow during May 2 bu. per acre broadcast, or 1 bu. per acre in drills. Black, Black Eye and Whippoorwill. Price on application.

**Flax.** Sow 1 bu. per acre during May and June. Price on application.

**Kaffir Corn.** Sow in June and July, 10 lbs. per acre. Price upon application.

**Millet.** A splendid emergency hay crop; can be harvested in 60 days. Sow during June and July. Hungarian and Golden, sow 1 bu. per acre. Japanese, 12 lbs. per acre. Price upon application.

**Oats.** Sow from April until June; 3 bu. per acre. Swedish or Washington, Tartar King, Storm King, Welcome. Price on application.

**Rye** (Spring). Sow 1 1/2 bu. per acre broadcast during April and May. Price on application.

**Rye** (Winter). We handle Penna. White Winter and Rosen varieties. Sow in October and November; 1 1/2 bu. per acre. Price on application.

**Rape, Dwarf Essex.** Sow 6 lbs. per acre broadcast, or in drills, at intervals from April 1st to October 1st. Price on application.

**Sorghum or Sugar Cane.** Early Amber. Sow 25 lbs. per acre in drills during May or June. Price on application.

**Speltz or Emmer.** Sow during April and May, 2 bu. per acre. Price on application.

**Sudan Grass.** Similar to millet. Sow 16 to 24 lbs. per acre broadcast during April, May, June. Price on application.

**Sunflower.** Mammoth Russian (for Seeding). Splendid poultry food. Sow 10 qts. per acre in drills: 15c. per lb.; 5 lbs., 70c.; \$1.35 per 10 lbs.; 25 lbs., \$3.15.

**Timothy.** Sow 1/2 bu. per acre during April, August or September. Price on application.

**Vetch.** For green feed, green manure and cover crops. Sow 1 bu. per acre broadcast. Winter (*Vicia Villosa*). Spring (*Vicia Sativa*). Price on application.

**Wheat.** Sow 1 1/2 bu. per acre in drills; Spring, Saskatchewan Fife. Winter varieties ready after September 15th. Price on application.



# WHOLESALE PRICE LIST OF BULBS

## CONTAINED IN MICHELL'S CATALOG, JUNE — AUGUST, 1923

<b>Aconite</b>				<b>Freeseias</b>			
Winter.....	Doz.	100	1000	General Pershing.....	Doz.	100	1000
	\$0.40	\$2.50	\$21.00	Orange.....	.55	3.50	30.00
<b>Amaryllis</b>				Purity. First size, $\frac{1}{2}$ to $\frac{5}{8}$ inch.....	.30	1.60	12.00
Belladonna.....	Each	Doz.	100	Purity. Mammoth, $\frac{3}{8}$ to $\frac{3}{4}$ inch.....	.50	2.50	21.00
Formosissima.....	\$0.30	\$3.00	\$20.00	Purity. Monster, $\frac{3}{4}$ to $\frac{7}{8}$ inch.....	.75	4.50	40.00
Hippeastrum Equestre.....	.15	1.50	10.00	Purity. Jumbo, $\frac{1}{8}$ to 1 inch.....	1.00	6.00	55.00
Hybrids of Vittata.....	.35	3.75	27.50	Red.....	.55	3.50	30.00
	.85	9.50	70.00	Splendens.....	.55	3.50	30.00
<b>Anemone</b>				Yellow.....	.55	3.50	30.00
Coronaria.....	Doz.	100	1000	Rainbow Mixture.....	.35	2.50	20.00
St. Brigid.....	\$0.65	\$4.50	\$40.00				
	.65	4.50	40.00	<b>Gladiolus (for Forcing)</b>			
<b>Calla Lilies (Revised prices)</b>				Ackermanni.....	.65	4.75	42.50
Godfrey Everblooming. First size.....	1.50	10.00	95.00	Blushing Bride.....	.65	4.75	42.50
Godfrey Everblooming. Mammoth.....	2.25	15.00	140.00	Peach Blossom.....	.65	4.75	42.50
Spotted Foliage.....	2.00	14.50	135.00	The Bride.....	.65	4.50	40.00
White ( <i>Aethiopica</i> ), $1\frac{1}{4}$ to $1\frac{1}{2}$ in. diam..	1.50	10.00	90.00	<b>Grape Hyacinths</b>			
White ( <i>Aethiopica</i> ), $1\frac{1}{2}$ to $1\frac{3}{4}$ in. diam..	2.25	15.00	140.00	Botryoides, Blue.....	.35	2.25	17.50
White ( <i>Aethiopica</i> ), $1\frac{3}{4}$ to 2 in. diam..	2.75	17.50	165.00	Botryoides, Albus, White.....	.35	2.25	17.50
White ( <i>Aethiopica</i> ), 2 to $2\frac{1}{2}$ in. diam..	4.00	26.50	225.00	Botryoides, Heavenly Blue.....	.45	2.75	22.00
Yellow ( <i>Elliottiana</i> ), $1\frac{1}{4}$ in. diam. up....	2.75	19.00	175.00				
Yellow ( <i>Elliottiana</i> ), 2 in. diam. up.....	3.75	27.50	250.00	<b>Hyacinths</b>			
				Single. First size named.....	1.20	7.75	70.00
<b>Chinese Lilies</b>	Doz.	Per basket	Per bale	Single. Second size named.....	1.10	6.75	60.00
Extra selected bulbs.....	\$1.35	30 bulbs	120 bulbs	Single. Third size named.....	.80	5.25	45.00
Mammoth bulbs.....	1.50	\$3.00	\$10.75	Single. Exhibition named.....	1.50	9.00	80.00
		3.30	11.50	Single. Unnamed.....	.65	4.25	37.00
<b>Chionodoxa</b>				Single. Mixed.....	.65	4.25	37.00
Lucilaea.....	Doz.	100	1000	Double. First size named.....	1.20	7.75	70.00
Sardensis.....	\$0.40	\$2.50	\$21.00	Double. Unnamed.....	.65	4.25	37.00
	.40	2.50	21.00	Double. Mixed.....	.65	4.25	37.00
<b>Crocus</b>				Miniature, or Dutch Roman.....	.60	3.50	30.00
Baron Von Brunow.....	.20	1.20	10.00	Miniature, Early Flowering or Prepared.	.75	5.25	45.00
Cloth of Gold.....	.20	1.20	10.00				
Cloth of Silver.....	.20	1.20	10.00	French Roman, White, 12-13 ctm.....	}	Prices quoted upon application.	
King of the Blues.....	.20	1.20	10.00	French Roman, White, 12-15 ctm.....			
Mont Blanc.....	.20	1.20	10.00	French Roman, White, 13-15 ctm.....			
Sir Walter Scott.....	.20	1.20	10.00	French Roman, White, 15 ctm. and over....			
Blue.....	.15	.85	7.00	French Roman, Light Blue.....			
Striped.....	.15	.85	7.00	French Roman, Light Pink.....			
White.....	.15	.85	7.00	White Italian.....			
Yellow. First size.....	.20	1.25	9.50	<b>Iris, Spanish (<i>Hispanica</i>)</b>			
Yellow. Mammoth.....	.25	1.40	12.00	Alexander von Humboldt.....	Doz.	100	1000
Yellow. Monster.....	.30	1.60	14.00	Belle Chinoise.....	\$0.65	\$4.25	\$35.00
Mixed. All colors.....	.15	.85	6.50	Cajanus.....	.65	4.25	35.00
<b>Crown Imperial (<i>Fritillaria</i>)</b>				Darling.....	.65	4.25	35.00
Aurora.....	Each	Doz.	100	King of the Blues.....	.65	4.25	36.00
Crown upon Crown.....	\$0.20	\$2.00	\$12.50	Queen Wilhelmina.....	.65	4.25	36.00
Lutea.....	.25	2.50	17.50	Reconnaissance.....	.65	4.25	36.00
Mixed Colors.....	.30	3.00	20.00	Snowball.....	.65	4.25	35.00
	.15	1.50	10.00	Mixed Colors.....	.60	3.50	30.00
	Doz.	100	1000				
Meleagris, Fine Mixed.....	\$0.50	\$3.00	\$27.50				



# WHOLESALE PRICE LIST OF BULBS

## CONTAINED IN MICHELL'S CATALOG, JUNE—AUGUST, 1923

<i>Iris, Dutch (Hollandia)</i>	Doz.	100	1000
Albert Cuyper.....	\$0.70	\$5.00	\$45.00
David Teniers.....	.70	4.50	40.00
Frans Hals.....	.65	4.25	36.00
Hart Nibbrig.....	.70	4.50	40.00
Rembrandt.....	.70	4.50	40.00

<i>Iris (Filifolia)</i>			
Celestial.....	.75	5.00	45.00
<i>Iris, Tingitana</i> .....	.90	6.50	60.00

<i>Ixia</i>			
Scarlet.....	.45	2.75	22.00
Extra Fine Mixture.....	.35	2.25	20.00

<i>Jonquils</i>			
Campernelle Regulosus.....	.50	3.25	27.50
Double.....	.50	3.25	27.00
Single.....	.40	2.75	24.00

<i>Lilium, Formosum (Dark Stem)</i>				
Size	Bulbs per Case			
7 to 9 inch.....	300	} Prices quoted upon application.		
8 to 10 inch.....	300			
9 to 10 inch.....	200			
10 to 12 inch.....	150			

<i>Lilium, Harrisii</i>					
Size	Bulbs per Case	Doz.	100	Case	1000
6 to 7 inch..	335	\$2.25	\$15.00	\$46.90	\$140.00
7 to 9 inch..	200	3.50	25.00	48.00	230.00
9 to 11 inch..	100	7.00	50.00	50.00	475.00

<i>Lilium, Longiflorum Giganteum</i>				
Size	Bulbs per Case			
7 to 9 inch.....	300	} Prices quoted upon application.		
8 to 10 inch.....	225			
9 to 10 inch.....	200			
10 to 12 inch.....	150			

<i>Lilium Longiflorum Giganteum (Cold Storage)</i>				
Size	Bulbs per Case			
7 to 9 inch.....	100	} Prices quoted upon application.		
7 to 9 inch.....	300			
8 to 9 inch.....	250			

<i>Lilium Longiflorum (Azores)</i>			
Size			
7 to 9 inch.....	200	} Prices quoted upon application.	

<i>Lilium Longiflorum Giganteum (Erabu Strain)</i>			
Size			
7 to 9 inch.....	300	} Prices quoted upon application.	
8 to 10 inch.....	225		
9 to 10 inch.....	200		

*Lily of the Valley*.....Prices quoted upon application.

<i>Lilium, Hardy Sorts</i>			
Album, 8 to 9 inch.....		} Prices quoted upon application.	
Album, 9 to 11 inch.....			
Album, 10 to 12 inch.....			
Auratum, 8 to 9 inch.....			
Auratum, 9 to 11 inch.....			
Auratum, 11 to 13 inch.....			
Batemani.....			
Brownii.....			

	Doz.	100	1000
Canadense.....	\$1.50	\$10.00	
Canadense Rubrum.....	2.50	17.50	

<i>Candidum (North of France Bulbs)</i>			
First size.....	1.75	10.00	\$ 95.00
Mammoth.....	2.50	17.50	155.00
Monster.....	3.00	20.00	175.00
Davuricum.....	1.50	10.00	
Elegans Bicolor.....	3.50	25.00	
Elegans Leonard Joerg.....	2.25	15.00	

Hansoni.....		} Prices quoted upon application.	
Henryi.....			
Krameri.....			
Macranthum.....			
Magnificum, 8 to 9 inch.....			
Magnificum, 9 to 11 inch.....			
Magnificum, 11 to 13 inch.....			
Melpomene, 8 to 9 inch.....			
Melpomene, 9 to 11 inch.....			
Melpomene, 11 to 13 inch.....			

	Doz.	100
Regale ( <i>Myriophyllum</i> ).....	7.00	50.00

Rubrum or Roseum, 8 to 9 inch.....		} Prices quoted upon application.	
Rubrum or Roseum, 9 to 11 inch.....			
Rubrum or Roseum, 11 to 13 inch.....			

	Doz.	100
Superbum.....	1.50	10.00
Tenuifolium.....	1.50	10.00

Tigrinum Flore Pleno.....		} Prices quoted upon application.	
Tigrinum Splendens.....			

	Doz.	100
Wallacei.....	2.50	15.00

Wittei.....		} Prices quoted upon application.	
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# WHOLESALE PRICE LIST OF BULBS

CONTAINED IN MICHELL'S CATALOG, JUNE—AUGUST, 1923

## Montbretias

Aurantiaca.....	} Prices quoted upon application.		
Fire King.....			
Geo. Davison.....			
Gerbe d'Or.....			
Germania.....			

## Narcissus, Double

	Doz.	100	1000
Alba Plena Odorata.....	\$0.45	\$3.00	\$26.00
Double Jonquils.....	.50	3.25	27.00
Incomparable.....	.65	4.25	35.00
Orange Phoenix.....	.70	4.75	42.50
Sulphur Phoenix.....	.70	4.75	40.00
Von Sion. First size.....	.50	3.25	27.50
Von Sion. Mammoth.....	.75	5.25	44.00
Von Sion. Monster.....	.85	5.75	49.00

## Narcissus, Poeticus

King Edward VII.....	.75	5.00	43.00
Poetaz, Elvira.....	.65	4.50	40.00
Poeticus Ornatus. First size.....	.35	2.25	17.50
Poeticus Ornatus. Mammoth.....	.50	3.25	27.50

## Narcissus, Polyanthus

Double Roman.....	Prices quoted upon application.		
Gloriosa.....	\$0.70	\$5.00	\$45.00

Grand Monarque.....	} Prices quoted upon application.		
Grand Primo.....			
Grand Soliel d'Or.....			
Paper White Grandiflora. First size.....			
Paper White Grandiflora. Mammoth.....			
Paper White Grandiflora. Giant.....			

White Pearl.....	.70	5.00	45.00
Mixed.....	.65	4.25	35.00

## Narcissus, Trumpet

Barrii Conspicuus.....	.55	3.50	32.00
Bicolor Victoria. First size.....	.65	4.50	38.00
Bicolor Victoria. Monster.....	.85	6.25	58.00
Cervantes.....	.85	6.25	57.50
Emperor. First size.....	.65	4.50	38.00
Emperor. Monster.....	.85	6.25	57.00
Empress. First size.....	.65	4.50	38.00
Empress. Monster.....	.85	6.25	57.00
Giant Princeps.....	.45	3.00	26.00
Glory of Leiden.....	.80	5.75	51.00
Glory of Sassenheim.....	1.00	7.00	65.00
Golden Spur. First size, Dutch.....	.65	4.25	37.50
Golden Spur. Monster, Dutch.....	.85	6.25	58.00
Golden Spur. Extra early....	Prices quoted upon application.		

## Narcissus, Trumpet—Continued

	Doz.	100	1000
Incomparabilis, Lucifer.....	\$0.60	\$ 3.75	\$32.00
King Alfred.....	1.20	8.25	75.00
Leedsii, Mrs. Langtry.....	.40	2.75	24.00
Madame de Graaff.....	.75	5.25	45.00
Olympia.....	1.75	12.00	110.00
Sir Watkin.....	.75	5.25	45.00
Trumpet Major. Dutch.....	.60	3.75	32.00
Van Waveren's Giant.....	2.50	17.00	160.00

## Narcissus

Double Mixed.....	.45	2.75	24.00
Single Mixed.....	.40	2.50	22.00

## Oxalis

Bowei.....	.45	3.00	25.00
Buttercup. First size.....	.25	1.60	12.50
Grand Duchess. Lavender.....	.25	1.60	12.50
Grand Duchess. Pink.....	.25	1.60	12.50
Grand Duchess. White.....	.25	1.60	12.50
Grand Duchess. Yellow.....	.25	1.60	13.50

## Ranunculus

Giant Fringed Mixed.....	.60	3.75	33.00
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## Scillas

Campanulata, Alba.....	.40	2.50	21.00
Campanulata, Coerulea.....	.40	2.50	21.00
Campanulata, Rosea.....	.45	3.00	24.00
Siberica, Blue.....	.60	3.75	32.50

## Snowdrops

Double.....	.50	3.50	30.00
Single.....	.45	3.00	24.00

## Spirea

Gladstone.....	6.50	45.00	
Princess May.....	6.50	45.00	
Queen Alexandra.....	6.50	45.00	
Rubens.....	6.50	45.00	



# WHOLESALE PRICE LIST OF BULBS

## CONTAINED IN MICHELL'S CATALOG, JUNE—AUGUST, 1923

<b>Tulips, Single Early</b>	<b>Doz.</b>	<b>100</b>	<b>1000</b>
Artus.....	\$0.40	\$2.75	\$24.00
Belle Alliance.....	.60	3.75	32.50
Brilliant Star.....	.75	5.50	50.00
Cardinal Rampollo.....	.65	4.75	40.00
Chrysolora.....	.45	3.00	25.00
Cottage Maid.....	.60	3.75	30.00
Couleur de Cardinal.....	.70	4.75	41.00
Cramoise Brilliant.....	.40	2.50	21.50
Duchess de Parma.....	.45	3.00	25.00
Duc v. Thol Cochineal.....	.45	3.00	25.00
Duc v. Thol Scarlet.....	.45	2.75	24.00
Flamingo.....	.65	4.00	34.00
Herman Schlegel.....	.35	2.25	18.75
Joost v. Vondel White.....	.55	3.50	31.00
Kaiserkroon.....	.60	4.00	35.00
L'Immaculee.....	.40	2.50	20.00
La Reine.....	.40	2.25	17.50
McKinley.....	.55	3.50	30.00
Mon Tresor.....	.50	3.25	25.00
Pink Beauty.....	.75	5.50	50.00
Prince of Austria.....	.55	3.50	30.00
Proserpine.....	.75	5.50	50.00
Prosperity.....	.50	3.00	25.00
Rose Grisdelin.....	.40	2.75	22.00
Rose Luisante.....	.75	5.50	48.00
Vermilion Brilliant.....	.75	5.00	42.50
White Hawk.....	.70	4.00	34.00
Wouverman.....	.50	3.00	26.00
Yellow Prince.....	.50	3.00	26.00
Unnamed. Separate colors.....	.35	2.25	17.50
Mixed. Superfine quality.....	.30	2.15	16.50

<b>Tulips, Double Early</b>			
Boule de Neige.....	.50	3.00	26.00
Couronne d'Or.....	.65	4.00	36.00
Couronne des Roses.....	.60	3.75	32.50
Gloria Solis.....	.50	3.00	25.00
Imperator Rubrorum.....	.65	4.25	36.00
La Candeur.....	.50	3.00	25.00
Le Matador.....	.60	3.75	30.00
Lucretia.....	.50	3.00	25.00
Mr. Van der Hoef.....	.70	5.00	45.00
Murillo.....	.40	2.75	22.00
Rubra Maxima.....	.60	3.75	31.00
Salvator Rosa.....	.65	4.00	35.00
Schoonoord.....	.65	4.00	36.50
Tea Rose.....	.60	3.25	27.50
Toreador.....	.75	5.00	45.00
Tournesol, Red and Yellow.....	.65	4.00	35.00
Tournesol, Yellow.....	.65	4.00	30.00
Vuurbaak.....	.75	5.00	45.00
Unnamed. Separate colors.....	.35	2.25	19.00
Mixed. Superfine quality.....	.35	2.25	17.50

<b>Tulips, Breeder</b>			
Apricot.....	.65	4.00	36.00
Aspasia.....	.60	3.50	30.00
Bronze Queen.....	.60	3.75	30.00
Cardinal Manning.....	.60	3.75	30.00
General Ney.....	.60	3.75	32.50

<b>Tulips, Breeder—Continued</b>	<b>Doz.</b>	<b>100</b>	<b>1000</b>
Godet Parfait.....	\$0.85	\$6.00	\$55.00
Jaune d'Oeuf.....	.60	3.25	27.50
Prince of Orange.....	.65	4.00	36.00
Yellow Perfection.....	.65	3.75	32.50

<b>Tulips, Darwin</b>			
Ariadne.....	.65	4.00	36.50
Bartigon.....	.65	4.00	36.00
Clara Butt.....	.50	3.00	24.00
Glow.....	.55	3.75	30.00
Gretchen.....	.50	3.00	24.00
La Tristesse.....	.55	3.75	30.00
La Tulip Noire.....	.65	4.00	32.50
May Queen.....	.50	3.25	26.00
Mme. Krelage.....	.65	4.00	32.50
Mr. Farncombe Sanders.....	.65	4.25	35.00
Mrs. Potter Palmer.....	.65	3.50	30.00
Nauticus.....	.50	3.00	23.00
Phillippe de Commynes.....	.55	3.75	30.00
Pride of Haarlem.....	.50	3.00	24.00
Princess Elizabeth.....	.75	5.00	45.00
Psyche.....	.50	3.25	25.00
Rev. H. Ewbank.....	.50	3.25	26.00
Sultan.....	.45	2.75	22.50
Suzon.....	.55	3.75	30.00
Wally Moes.....	.60	4.00	33.00
W. Copeland.....	.60	3.75	30.00
White Queen.....	.60	3.75	32.50
Wm. Pitt.....	.75	5.25	45.00
Mixed.....	.45	2.75	20.00

<b>Tulips, May Flowering</b>			
Blue Flag.....	.50	3.00	25.00
Gesneriana Lutea.....	.50	3.00	26.00
Gesneriana Rosea.....	.50	3.00	26.00
Gesneriana Spatulata.....	.50	3.00	26.00
Golden Crown.....	.50	3.00	26.00
Inglescombe, Pink.....	.60	3.25	27.50
Inglescombe, Scarlet.....	.60	3.25	27.50
Inglescombe, Yellow.....	.60	3.25	26.00
Moonlight.....	.65	4.00	32.50
Picotee.....	.60	3.25	27.00
Royal White.....	.65	4.00	33.00
Sarah Bernhardt.....	.80	5.75	50.00
Mixed.....	.40	2.25	17.50

<b>Tulips, Parrot</b>			
Constantinople.....	.50	3.00	25.00
Lutea Major.....	.50	3.00	25.00
Markgraaf of Baden.....	.50	3.00	25.00
Mixed.....	.45	2.75	22.00

<b>Tulips, Rembrandt</b>			
Bougainville.....	.65	4.25	36.00
Red Prince.....	.65	4.25	33.00
Salome.....	.70	4.50	39.00
Semele.....	.65	4.25	36.00



**IMPORTANT NOTICE TO OUR FLORIST CUSTOMERS.**—It should be borne in mind that Easter 1924 comes on April 20th, rather abnormally late, and it is of importance that florists keep this in mind, particularly when planting and handling their bulbous stock. It is recommended that florists, in addition to their usual varieties of Tulips, forced, plant some of the Darwin Tulips for fine results. These flower later than usual, and if we have a warm period at Easter, they will be particularly desirable. They are reasonable in cost and command a good reselling price.

**PLEASE NOTE.**—Original packages of Hyacinth Bulbs contain the following quantities: First size, 50 bulbs; second size, third size, and unnamed, 100 bulbs; miniature, 250 bulbs; if possible please order in these unit quantities.

**NOTE**—Where prices are the same, and the order of Hyacinths aggregates 250 bulbs in not less than 50 of a kind, the 1,000 rate may be used.

## NAMED HYACINTHS SINGLE FIRST SIZE

City of Haarlem. Golden yellow.....  
Gertrude. Deep rose.....  
Gigantea. Flesh pink.....  
Grand Maitre. Bright porcelain blue.....  
King of Blues. Deep blue.....  
King of Yellows. Orange yellow.....  
Lady Derby. Delicate pink.....  
La Grandesse. Snow white.....  
La Victoire. Beautiful bright scarlet.....  
L'Innocence. Pure white.....  
Marconi. Bright red, shaded white.....  
Moreno. Bright pink.....  
Perle Brillante. Light blue.....  
Queen of the Blues. Silvery blue.....  
Queen of Pinks. Brilliant pink.....  
Roi des Belges. Deep red.....  
Yellow Hammer. Pure yellow.....

Prices will be  
established later.

## DOUBLE FIRST SIZE

Blocksberg. Light blue.....  
Bouquet Tendre. Dark carmine.....  
Delicata. Pale blue.....  
Garrick. Blue, dark centre.....  
Lord Wellington. Rich pink.....  
Prince of Waterloo. Blush white.....  
Sunflower. Pure yellow.....

Prices will be  
established later.

## SECOND SIZE SINGLE

City of Haarlem. Golden yellow.....  
Gertrude. Deep rose.....  
Gigantea. Flesh pink.....  
Grand Maitre. Bright porcelain blue.....  
King of Blues. Deep blue.....  
King of Yellows. Orange yellow.....  
Lady Derby. Delicate pink.....  
La Grandesse. Pure white.....  
La Victoire. Beautiful bright scarlet.....  
L'Innocence. Pure white.....  
Marconi. Bright red, shaded white.....  
Moreno. Bright pink.....  
Nimrod. Deep rose.....  
Perle Brillante. Light blue.....  
Queen of the Blues. Silvery blue.....  
Queen of Pinks. Brilliant pink.....  
Roi des Belges. Deep red.....  
Yellow Hammer. Pure yellow.....

Prices will be  
established later.

## THIRD SIZE SINGLE

Just the grade of bulbs for the florist whose trade demands moderately priced hyacinths.

City of Haarlem. Golden yellow.....  
Gertrude. Deep rose.....  
Gigantea. Flesh pink.....  
Grand Maitre. Bright porcelain blue.....  
King of the Blues. Deep blue.....  
La Victoire. Beautiful bright scarlet.....  
L'Innocence. Pure white.....  
Marconi. Bright red, shaded white.....  
Perle Brillante. Light blue.....  
Queen of Pinks. Brilliant pink.....  
Queen of the Blues. Silvery blue.....  
Roi des Belges. Deep red.....

Prices will be  
established later.

## HYACINTHS GLASSES

A few Hyacinths started in these glasses will increase your sales wonderfully. We offer them in blue, green and white.  
Belgian Style. Tall.....  
Tye or Low Pattern.....

Prices quoted  
upon application

## NAMED EXHIBITION HYACINTHS

Gertrude. Deep rose.....  
Grand Maitre. Bright porcelain blue.....  
King of Blues. Deep blue.....  
Lady Derby. Delicate pink.....  
La Grandesse. Snow white.....  
La Victoire. Beautiful bright scarlet.....  
Marconi. Bright red, shaded white.....  
Perle Brillante. Light blue.....  
Queen of Pinks. Brilliant pink.....  
Roi des Belges. Deep red.....  
Yellow Hammer. Pure yellow.....

Prices will be  
established later.

## UNNAMED HYACINTHS

(For Bedding and Forcing)

## SINGLE AND DOUBLE FLOWERING

Deep Pink.....  
Dark Red.....  
Pure White.....  
Light Blue.....  
Deep Blue.....  
Yellow.....  
Mixed. All colors.....

Prices will be  
established later.



Michell's White Roman Hyacinths

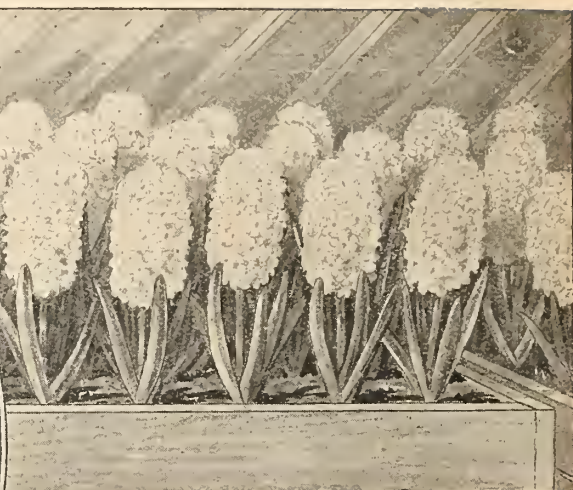
## FRENCH ROMAN HYACINTHS

White. 12-13 ctm.....  
White. 12-15 ctm.....  
White. 13-15 ctm.....  
White. 15 ctm. and over.....  
Light Blue.....  
Light Pink.....  
White Italian.....

Prices will be  
established later.



# MICHELL'S HYACINTHS



*Miniature or Dutch Roman Hyacinths*

## MINIATURE OR DUTCH ROMAN HYACINTHS

We import fine, big bulbs of named varieties only, as these will be found far superior to the unnamed sorts offered at low prices. Excellent for designs and centre pieces.

### EARLY FLOWERING OR PREPARED MINIATURE HYACINTHS

These are especially adapted for Christmas blooming; are splendid for cutting, pans and design work.

Bismarck. Lavender blue; early forcer.....	} Prices will be established later.
Garibaldi. Brilliant carmine; large truss.....	
Lady Derby. Light pink; large spike.....	
L'Innocence. Pure white; large truss.....	
Nimrod. Deep rose; very early.....	
Yellow Hammer. Deep golden yellow.....	

Gertrude. Deep pink.....
Gigantea. Light pink.....
Grand Maitre. Bright blue.....
King of the Blues. Deep blue.....
Lady Derby. Delicate pink.....
La Grandesse. Pure white.....
L'Innocence. Pure white.....
Nimrod. Clear pink.....
Perle Brillante. Light blue.....
Queen of the Blues. Silvery blue.....
Roi des Belges. Fine deep crimson.....
Yellow Hammer. Pure yellow.....

Prices will be established later.

## MICHELL'S RELIABLE NARCISSUS BULBS

### SINGLE NARCISSUS, TRUMPET VARIETIES

Barrii Conspicuus. Yellow, scarlet cup.....	} Prices will be established later.
Bicolor Victoria. First size.....	
Bicolor Victoria. Monster bulbs.....	
Cervantes. Early; pale yellow trumpet.....	
Emperor. Yellow, first size.....	
Emperor. Monster bulbs.....	
Empress. White and yellow, first size.....	
Empress. Monster bulbs.....	
Giant Princeps. Double nose; yellow.....	
Glory of Leiden. Yellow.....	
Glory of Sassenheim. White and yellow.....	
Golden Spur. Yellow, first size, Dutch.....	
Golden Spur. Monster bulbs, Dutch.....	
Golden Spur. Extra early forcing.....	
Incomparabilis, Lucifer. Perianth white, trumpet orange scarlet.....	
King Alfred. Yellow.....	
Leedsii, Mrs. Langtry. White.....	
Madame de Graaff. White, primrose trumpet.....	
Olympia. Yellow.....	
Sir Watkin. Light yellow.....	
Trumpet Major. Dutch, yellow.....	
Van Waveren's Giant. Primrose perianth, bright yellow trumpet.....	



*Single Narcissus, Incomparabilis Lucifer*

### NARCISSUS, SINGLE POETICUS VARIETIES

King Edward VII. White, yellow and red cup.....	} Prices will be established later.
Poetaz, Elvira. White and yellow.....	
Poeticus Ornatus. White and scarlet, first size.....	
Poeticus Ornatus. Mammoth.....	

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

(ow)





*Narcissus, Paper White Grandiflora*

*Narcissus, Grand Soleil d'Or*

## NARCISSUS, POLYANTHUS VARIETIES

Double Roman. White and orange.....	} Prices will be established later.
Gloriosa. White and orange.....	
Grand Monarque. White and yellow.....	
Grand Primo. White.....	
Grand Soleil d'Or. Yellow, orange red cup..	
Paper White Grandiflora. First size.....	
“ “ Mammoth.....	
“ “ Giant.....	
White Pearl. White.....	
Mixed. All varieties.....	

## JONQUILS

These are perfectly hardy and are suitable for either outdoor planting or forcing. They are delightfully fragrant, and are worthy of extensive cultivation.

Campernelle Rugulosus. Single yellow, larger than the plain Campernelle.....	} Prices will be established later.
Double. Flowers very double, deep golden yellow; height, 12 inches.....	
Single. Rich yellow, very fragrant; height, 12 inches.....	

**CAUTION NOTICE.**—If it is desired to bloom Narcissus, Paper White Grandiflora for December and January, keep them in a cool, dark place where they get plenty of ventilation, but where it does not freeze; the bulbs may sprout, but this will not injure them. From experience we have had however Paper White Grandiflora Narcissus will not flower if placed in cold storage in a temperature as low as 36°.

## NARCISSUS, DOUBLE VARIETIES

Alba Plena Odorata. White.....	} Prices will be established later.
Double Jonquils. Yellow.....	
Incomparable. Yellow and orange.....	
Orange Phoenix. White, orange centre.....	
Sulphur Phoenix. White, sulphur yellow centre.....	
Von Sion. Yellow, first size.....	
“ “ Mammoth.....	
“ “ Monster.....	

## NARCISSUS IN MIXTURE

Single Mixed.....	} Prices will be established later.
Double Mixed.....	

## CHINESE SACRED LILY BULBS

These sell readily on the store counter, and yield a handsome profit. We would recommend to force a few into flower, which can be done in about five weeks, and place the bulbs you desire to sell on the counter, with the blooming plant. 30 bulbs per basket, 4 baskets per bale.

Extra Selected, First Size Bulbs.....	} Prices will be established later.
Mammoth Size Bulbs.....	

Ask for show and price cards on Chinese Lilies, furnished free.

## PEBBLES FOR CHINESE LILIES

Per qt., 8c.; 85c. per doz. qt. packages; per 100, \$6.50; 50 at 100 rate. In bulk, 50c. per peck; per bushel, \$1.75; \$3.75 per barrel.

**SPECIAL NOTE.**—Prices had not been firmly established at the time of printing this book; they will be quoted on request.

## TESTIMONIAL

Windber, Pa.

I certainly was well pleased with the bulbs received from you; every one produced fine flowers.

J. Y.



*Double Narcissus, Von Sion*





View of 8000 Michell's Easter Lily Bulbs taken March 22nd, 1923, grown by Harry I. Faust, Merion, Pa., every plant perfect.

## EASTER IN 1924 COMES ON APRIL 20th

### LILIUM HARRISII MICHELL'S SPECIAL BRAND

These are the cream of the Bermuda Lily Crop, being a selection of bulbs from the most uniform plants.

Size	Bulbs per case	
6 to 7 inch.....	335.....	} Prices will be established later.
7 to 9 inch.....	200.....	
9 to 11 inch.....	100.....	

### LILIUM FORMOSUM (Dark-Stem Type).

We have discontinued handling the regular or Green Stem type of Formosum usually offered by others; the Dark Stem type are more dependable and produce many more flowers in the average.

Size	Bulbs per case	
7 to 9 inch.....	300.....	} Prices will be established later.
8 to 10 inch.....	225.....	
9 to 10 inch.....	200.....	
10 to 12 inch.....	150.....	

### LILIUM LONGIFLORUM GIGANTEUM MICHELL'S SPECIAL BRAND

Grown for us by the most reliable Lily-grower in Japan.

Size	Bulbs per case	
7 to 9 inch.....	300.....	} Prices will be established later.
8 to 10 inch.....	225.....	
9 to 10 inch.....	200.....	
10 to 12 inch.....	150.....	

Please note it will be observed that we have discontinued 6-8 in. bulbs in Lil. Giganteum, Lil. Formosum and Azore Longiflorums; it is our belief that florists will get better general results from the larger size bulbs; also that Lil. Multiflorums are omitted.

### LILIUM LONGIFLORUM, AZORES

Grown in the Azores, this strain is an extra selection of the finest type of *Lilium Longiflorum*; free from disease; an early bloomer, compact grower and suitable either for pots or cutting.

Size	Bulbs per case	Prices will be
7 to 9 inch.....	200.....	established later.

### LILIUM LONGIFLORUM ("Erabu Strain")

This is a cross between Green Stem, Formosum and Giganteum; grows taller, is freer in the number of blooms produced and has given wonderful results where grown the past few years; they should be treated like Formosum Lilies.

Size	Bulbs per case	Prices will be
7 to 9 inch.....	300.....	established later.
8 to 10 inch.....	225.....	
9 to 10 inch.....	200.....	

### LILIUM LONG. GIGANTEUM (Cold Storage)

#### MICHELL'S SPECIAL BRAND

Grown for us by the most reliable Lily grower in Japan.

Size	Bulbs per case	Prices quoted on
7 to 9 inches.....	100.....	application
7 to 9 inches.....	300.....	
8 to 9 inches.....	250.....	

### SUGGESTIONS IN CONNECTION WITH THE GROWING OF HARDY LILIES UNDER GLASS

Many florists are of the belief that these can be forced rapidly like Giganteums. This is, however, not so. They should be grown more cool and be given a greater length of time in which to flower. It usually takes from 16 to 18 weeks from the time of planting to bring them into bloom, if the best results are to be obtained. In fact if you can give them longer to come into flower it is better. Where they are forced with plenty of heat, the result is that you get good foliage with not so many blooms early. The latter is usually from a money making standpoint. We have particular reference to *Lilium Magnificum*, *Melpomene*, *Rubrum* and *Album*.  
(See page 16A for Hardy Lilies)



# LILIES

ARE ALWAYS A PROFITABLE CROP  
*GROW PLENTY*

Album

Giganteum

Melpomene

## Michell's Superb Lily Bulbs

FOR FORCING

New Crop—Also Cold Storage

*Prices Upon Application*





### WHITE CALLA LILIES

Clean healthy bulbs.	Doz.	100	1000
1 1/4 to 1 1/2 inches in diameter.....	\$1.25	\$ 9.00	\$ 80.00
1 1/2 to 1 3/4 inches in diameter.....	2.00	14.00	125.00
1 3/4 to 2 inches in diameter.....	2.50	16.50	150.00
2 to 2 1/2 inches in diameter.....	4.00	26.50	225.00

### GODFREY EVERBLOOMING CALLA

(Ready in September)

This is a popular variety for either cut-flower or pot-plant sales. For design work it is better than the California variety.

First Size.....	Doz.	100	1000
Mammoth Size.....	\$1.50	\$10.00	\$ 90.00
	2.00	14.50	135.00

### YELLOW CALLA (ELLIOTTIANA) (True)

First Size. 1 1/4 inch diameter up.....	Doz.	100	1000
Mammoth Size. 2 inch diameter up....	\$2.75	\$19.00	\$175.00
	3.75	27.50	250.00

### SPOTTED CALLAS

Flowers white; foliage green, spotted white. Ready in October.  
Per doz., \$2.00; \$14.50 per 100; \$135.00 per 1000.

### HARDY JAPANESE LILIES

(Ready in November)

<b>Lilium Album</b> ( <i>Praecox</i> ). Pure white:	
8 to 9 inches.....	
9 to 11 inches.....	
10 to 12 inches.....	
" <b>Auratum</b> ( <i>Golden Banded Lily</i> ):	
8 to 9 inches.....	
9 to 11 inches.....	
11 to 13 inches.....	
" <b>Magnificum</b> . Rich crimson:	
8 to 9 inches.....	
9 to 11 inches.....	
11 to 13 inches.....	
" <b>Melpomene</b> . Pink spotted red:	
8 to 9 inches.....	
9 to 11 inches.....	
11 to 13 inches.....	
" <b>Rubrum or Roseum</b> . Pink:	
8 to 9 inches.....	
9 to 11 inches.....	
11 to 13 inches.....	
" <b>Tigrinum Flore Pleno</b> . Double	
" <b>Tigrinum Splendens</b> . Single.....	
<b>Batemanni</b> . Orange red.....	
<b>Brownii</b> . Pure white inside, outside brown...	
<b>Hansonii</b> . Reddish orange.....	
<b>Henryi</b> . Orange yellow.....	
<b>Krameri</b> . Blush pink.....	
<b>Macranthum</b> . Giant Golden Banded Lily...	
<b>Wittei</b> . Fragrant; white, yellow band.....	

Prices will be established later.

### MISCELLANEOUS HARDY LILIES

(Ready in October)

<b>Canadense</b> . Bright yellow.....	
<b>Canadense Rubrum</b> . Red.....	
<b>Davuricum</b> . Upright scarlet flowers.....	
<b>Elegans Bicolor</b> . Bright red flushed.....	
<b>Elegans Leonard Joerg</b> . Apricot pink.....	
<b>Regale</b> ( <i>Myriophyllum</i> ). White.....	
<b>Superbum</b> . Orange red.....	
<b>Tenuifolium</b> . Bright scarlet.....	
<b>Wallacei</b> . Bright apricot.....	

Prices will be established later.



Lilium Candidum

### LILIUM CANDIDUM

(Madonna, Annunciation or St. Joseph's Lily)

We wish to lay particular stress upon the quality of our Lilium Candidum, which are larger and better than usually sold. Our bulbs are of strong, vigorous, healthy growth and flower freely.

North of France Bulbs

Thick petaled flowers; free from disease and producing more blooms than the South of France Bulbs.

First Size, 18-20 ctm.....	
Mammoth Size, 20-22 ctm.....	
Monster Size, 22-24 ctm.....	

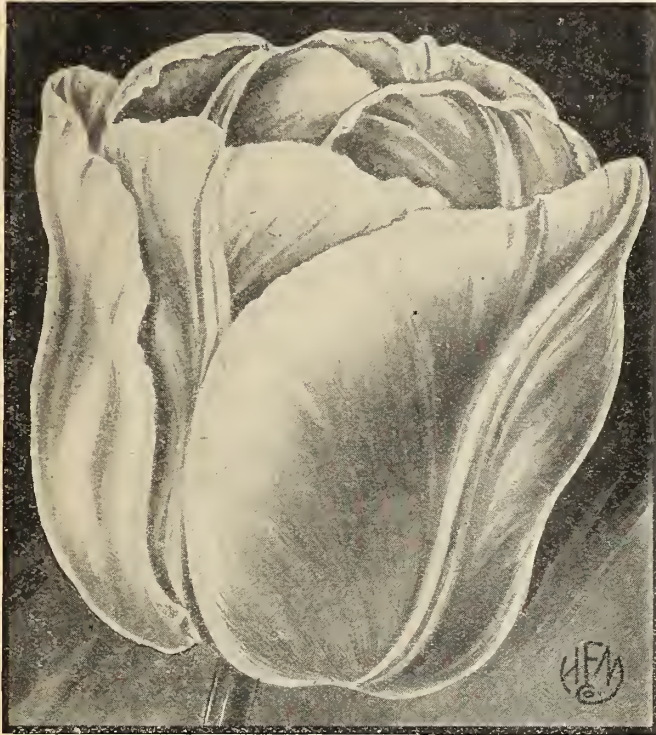
Prices will be established later.



# MICHELL'S SUPERB TULIP BULBS

17

The figure in front of the variety denotes the approximate height, while the asterisk (\*) denotes that the variety is suited to forcing as well as bedding. Tulip bulbs are packed 250 in a bag; please order in units of this number if possible.



Early Single Tulip "Pink Beauty"

## SINGLE EARLY TULIPS

- 8 Artus. Scarlet.....
- \* 8 Belle Alliance. Rich scarlet.....
- \* 12 Brilliant Star. Brilliant scarlet.....
- \* 11 Cardinal Rampollo. Yellow, bordered orange.....
- 10 Chrysolora. Golden yellow.....
- \* 8 Cottage Maid. Pink and white.....
- \* 10 Couleur de Cardinal. Brilliant scarlet.....
- \* 10 Cramoise Brilliant. Scarlet.....
- 12 Duchess de Parma. Orange scarlet, yellow border.....
- \* 7 Duc v. Thol. Scarlet.....
- 7 Duc v. Thol. Cochineal. Rich vermilion.....
- \* 12 Flamingo. Bright pink, shaded deeper.....
- \* 10 Herman Schlegel (*Primrose Queen*). Pale yellow.....
- \* 9 Joost v. Vondel White (*Lady Boreel*). Pure white.....
- \* 12 Kaiserkroon. Red, gold border.....
- \* 8 L'Immaculee. Pure white.....
- \* 10 La Reine. White.....
- \* 10 McKinley. Rose, shaded carmine.....
- \* 10 Mon Tresor. Golden yellow.....
- \* 12 Pink Beauty. Rich pink.....
- \* 12 Prince of Austria. Orange scarlet.....
- \* 8 Proserpine. Glossy pink.....
- \* 8 Prosperity. Rose pink.....
- \* 8 Rose Gris de lin. Delicate rose, shading white.....
- \* 10 Rose Luisante. Deep pink.....
- \* 10 Vermilion Brilliant. Rich scarlet.....
- \* 12 White Hawk. Pure white.....
- 9 Wouverman. Violet.....
- \* 8 Yellow Prince. Golden yellow.....

Prices will be established later.

## TULIPS IN SEPARATE COLORS

### SINGLE AND DOUBLE (UNNAMED) (For Bedding)

- Pink, in all shades.....
- Red and Scarlet, in all shades.....
- White, in all shades.....
- Yellow, in all shades.....

Prices will be established later.

## SINGLE TULIPS IN MIXTURE

Early Varieties, Superfine Quality.....

Prices will be established later.

## DOUBLE EARLY TULIPS

- \* 10 Boule de Neige. Pure white.....
- 10 Couronne des Roses. Deep rose.....
- \* 12 Couronne d'Or. Rich yellow.....
- 9 Gloria Solis. Red, bordered yellow.....
- 10 Imperator Rubrorum. Brilliant scarlet.....
- 10 La Candeur. Pure white.....
- \* 12 LeMatador. Brilliant scarlet.....
- 14 Lucretia. Deep pink.....
- \* 10 Mr. Van der Hoef (*Yellow Murillo*). Golden yellow.....
- \* 7 Murillo. Pink suffused white.....
- 8 Rubra Maxima. Dazzling scarlet.....
- \* 10 Salvator Rosa. Deep rose.....
- \* 12 Schoonoord (*White Murillo*). Pure white.....
- \* 12 Tea Rose. Sulphur yellow, shading to orange.....
- 8 Toreador. Rich orange.....
- \* 8 Tournesol, Red and Yellow. For forcing and bedding.....
- \* 8 Tournesol Yellow. Early forcer.....
- 12 Vurbaak. Dazzling scarlet.....

Prices will be established later.

## DOUBLE MIXED TULIPS

Early Varieties, Superfine Quality.....

Prices will be established later.

## DARWIN TULIPS

These are splendid for pot culture and the ideal Tulip to grow for Easter; excellent for cutting.

- 28 Ariadne. Fiery, scarlet red.....
- \* 14 Bartigon. Fiery red.....
- \* 20 Clara Butt. Soft rose; extra fine forcer.....
- \* 23 Glow. Scarlet, margined white.....
- \* 18 Gretchen. Soft salmon rose.....
- \* 26 La Tristesse. Violet, white base.....
- 25 La Tulipe Noire. Almost true black.....
- 20 May Queen. Soft rose, very large.....
- \* 26 Mme. Krelage. Rosy lilac; fine forcer.....
- 24 Mr. Farncombe Sanders. Bright scarlet.....
- 28 Mrs. Potter Palmer. Deep purple.....
- \* 28 Nauticus. Purple rose.....
- \* 24 Phillippe de Commynes. Deep purple.....
- \* 24 Pride of Haarlem. Glossy pink.....
- \* 22 Princess Elizabeth. Delicate purplish rose.....
- \* 26 Psyche. Light rose.....
- \* 20 Rev. H. Ewbank. Light heliotrope.....
- 20 Sultan. Very dark, almost black.....
- \* 25 Suzon. Soft salmon rose.....
- 24 Wally Moes. Silvery heliotrope.....
- \* 14 W. Copeland. Delicate lavender.....
- 22 White Queen. Creamy white, tinted rose.....
- \* 24 Wm. Pitt. Fiery red, blue centre.....
- Darwin Mixed. All colors.....

Prices will be established later.

## MAY FLOWERING TULIPS

Desirable for outdoor planting for a supply of brilliant cut blooms in May. All single flowering except where noted.

- 19 Blue Flag (*Double*). Violet blue.....
- 24 Gesneriana Lutea. Rich yellow.....
- 24 Gesneriana Rosea. Rich, rosy carmine.....
- 24 Gesneriana Spathulata. Rich scarlet, blue-black centre.....
- 18 Golden Crown. Pure yellow, with narrow red margin.....
- 16 Inglescombe Scarlet. Brilliant vermilion, with black centre.....
- 16 Inglescombe Pink. Salmon pink.....
- 16 Inglescombe Yellow. Bright yellow.....
- 24 Moonlight. Canary yellow.....
- 20 Picotee (*Maiden's Blush*). White with distinct pink edged border.....
- 15 Royal White. Pure white.....
- 12 Sarah Bernhardt (*Hobbema or Le Reve*). Exquisite soft rose.....
- May Flowering Tulips (*Single*). Mixed.....

Prices will be established later.



# MICHELL'S SUPERB TULIP BULBS

The figure in front of the variety denotes the approximate height. Tulip bulbs are packed 250 in a bag; please order in units of this number if possible.

## BREEDER TULIPS

A May-flowering type, similar to the Darwins, in their tall, strong growth, but an entirely different range of colors.

25 Apricot.	Apricot orange.....	} Prices will be established later.
24 Aspasia.	Wine red, shaded purple.....	
24 Bronze Queen.	Soft buff, inside tinged golden bronze.....	} Prices will be established later.
28 Cardinal Manning.	Wine red, flushed rosy brown.....	
25 General Ney.	Olive and bronze.....	} Prices will be established later.
24 Godet Parfait.	Violet blue.....	
21 Jaune d'Oeuf.	Rosy lilac, yellow bordered.....	} Prices will be established later.
24 Prince of Orange.	Golden orange.....	
24 Yellow Perfection.	Light, bronze yellow....	

## PARROT OR DRAGON TULIPS (Late)

Constantinople.	Orange red, marked brown.	} Prices will be established later.
Lutea Major.	Bright yellow.....	
Markgraaf of Baden.	Yellow, striped scarlet and green.....	
Mixed.	All colors.....	

## REMBRANDT TULIPS

These belong to the Darwin class; flowers striped and variegated. Height, 18 to 22 inches.

Bougainville.	Amaranth blue, striped white..	} Prices will be established later.
Red Prince.	Rose, flamed scarlet.....	
Salome.	Carmin rose with white markings..	
Semele.	White, feathered rosy pink.....	

# Michell's Miscellaneous Bulbs and Roots

## ACONITE (Erianthus)

(Ready in September)

Winter.....	} Prices will be established later.		
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## AMARYLLIS (Ready in October)

	Each	Doz.	100
Belladonna. Pink.....	\$0.30	\$3.00	\$20.00
Hippeastrum Equestre.....	.35	3.75	27.50
Hybrids of Vittata. Striped and flaked.	.85	9.50	70.00

## ANEMONE (Ready in September)

Coronaria. Single French, mixed.....	} Prices will be established later.
St. Brigid. Semi-double, mixed colors....	

## CHIONODOXA (Glory of the Snow)

(Ready in September)

Lucilaea. Porcelain blue.....	} Prices will be established later.
Sardensis. Deep blue.....	

## CROWN IMPERIAL (Fritillaria Imperialis)

(Ready in September)

Aurora. Red.....	} Prices will be established later.
Crown upon Crown. Orange red.....	
Lutea. Yellow.....	
Mixed Colors.....	

## CROWN IMPERIAL

(Fritillaria Meleagris)

Very Fine Mixed.....	} Prices will be established later.		
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## CROCUS (Ready in September)

Baron Von Brunow. Blue.....	} Prices will be established later.
Cloth of Gold. Yellow.....	
Cloth of Silver. White, striped silvery.....	
King of the Blues. Purple.....	
Mont Blanc. White.....	
Sir Walter Scott. White, striped lilac.....	
Blue.....	
Striped.....	
White.....	
Yellow. Extra large monster.....	
Yellow. Mammoth.....	
Yellow. First size.....	
Mixed. All colors.....	

## GLADIOLUS (FOR FORCING)

COLVILLEI TYPE (Ready in October)

The demand for these as a late winter and early spring flower under glass is constantly on the increase. They require little attention and are practically immune from attacks by insects or plant diseases.

Ackermanni. Salmon, flaked carmine, violet eye.....	} Prices will be established later.
Blushing Bride. White, blotched crimson.....	
Peach Blossom. Delicate pink.....	
The Bride. Pure white.....	



Purity Freesias

## FREESIA, PURITY (True)

	Doz.	100	1000
First size bulbs, 1/2 to 5/8 inch.....	\$0.30	\$1.60	\$12.00
Mammoth bulbs, 5/8 to 3/4 inch.....	.50	2.50	21.00
Monster bulbs, 3/4 to 7/8 inch.....	.75	4.50	40.00
Jumbo, 7/8 to 1 inch.....	1.00	6.00	55.00

## NEW COLORED FREESIAS

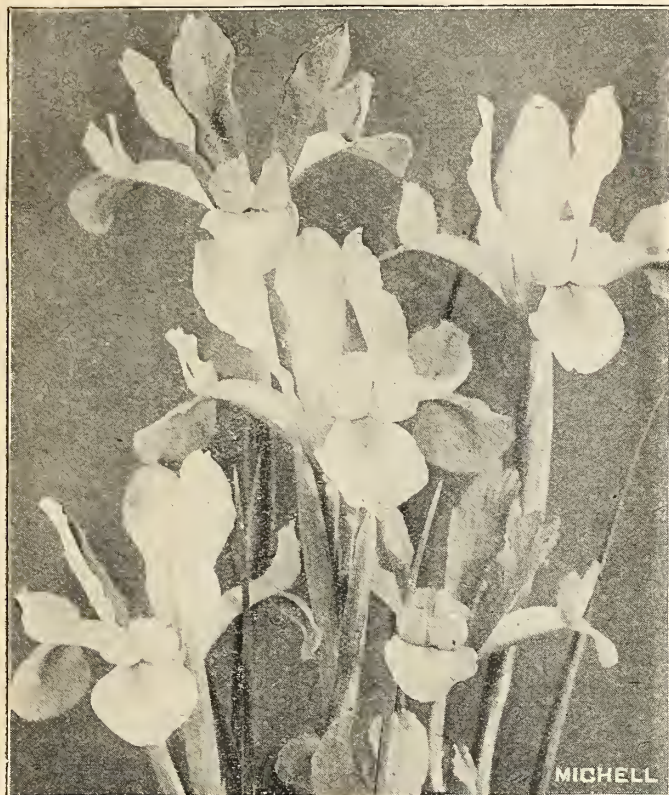
	Doz.	100	1000
General Pershing. Bronzy pink.....	\$0.55	\$3.50	\$30.00
Orange.....	.55	3.50	30.00
Red.....	.55	3.50	30.00
Splendens. Lavender.....	.55	3.50	30.00
Yellow.....	.55	3.50	30.00
Rainbow Mixture.....	.35	2.50	20.00

## GRAPE HYACINTHS (Muscari)

(Ready in September)

Botryoides. Blue.....	} Prices will be established later.
" Albus. White.....	
" Heavenly Blue. Bright sky blue.....	





A Bunch of Spanish Iris

## SPANISH IRIS

(Ready in September)

The flowers are beautiful and very delicate; used for bedding outdoors or forcing. They take little space in the greenhouse and require little or no special attention after planting. They command good prices and we recommend every florist to grow them.

Alexander von Humboldt.	Clear deep blue.	Prices will be established later.
Belle Chinoise.	Deep yellow.	
Cajanus.	Canary yellow, with orange blotches.	
Darling.	Deep purplish blue.	
King of the Blues.	Fine, deep purplish blue.	
Queen Wilhelmina.	Beautiful white, with small yellow blotches.	
Reconnaissance.	Dark bronze, golden blotch	
Snowball.	White, slightly tinged lilac.	
Mixed Colors.		

## DUTCH IRIS (Hollandia)

Best described as a giant strain of very early flowering Iris Hispanica, flowering fully two weeks in advance of the Spanish Iris. Flowers are of enormous size and of remarkable substance. They can be forced easily and early.

Albert Cuyp.	Pale blue passing to white; falls primrose, orange blotch.	Prices will be established later.
David Teniers.	Pale lavender.	
Frans Hals.	Creamy yellow and blue.	
Rembrandt.	Deep blue with orange blotch.	

## IRIS FOLIFOLIA

Celestial. A strain of Spanish Iris flowering 2 or 3 weeks earlier; color light sky blue. Was awarded certificate of merit at Haarlem in 1917. Prices will be established later.

## IRIS TINGITANA

Excellent for early forcing; dark blue and yellow. Prices will be established later.

## IXIA

(Ready in September)

Scarlet.	Prices will be established later.
Extra Fine Mixture.	

**LILY OF THE VALLEY** (Ready in December)  
Fancy Giant Flowering (*New Crop*). Large pips, often producing 15 or more bells to the spike. Prices will be established later in the season.

**COLD STORAGE LILY OF THE VALLEY**  
Giant Flowering Strain. Prices on application.

## MONTBRETIAS

(Ready in October)

Aurantiaca.	Deep orange.	Prices will be established later.
Fire King.	Bright scarlet.	
Geo. Davison.	Pure yellow.	
Gerbe d'Or.	Golden yellow.	
Germania.	Brilliant scarlet.	

## OXALIS

		Doz.	100	1000
Grand Duchess.	White.	\$0.25	\$1.60	\$12.50
"	"	.25	1.60	12.50
"	"	.25	1.60	12.50
"	"	.25	1.60	13.50
Bowei.	Finest pink variety, giant bulbs.	.45	3.00	25.00
Bermuda Buttercup.	Yellow.	.25	1.60	12.50

## RANUNCULUS (Buttercups)

(Ready in September)

Giant Fringed Mixed.	Prices will be established later.
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## SCILLAS (Squills)

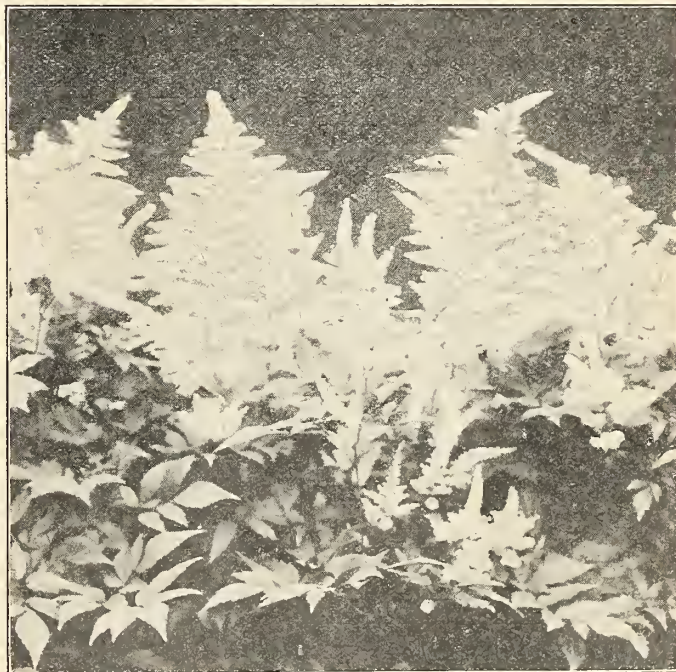
(Ready in September)

Campanulata Alba.	Pure white.	Prices will be established later.
"	Coerulea.	
"	Rosea.	
Siberica.	Blue.	

## SNOWDROPS (Galanthus)

(Ready in September)

Double.	White.	Prices will be established later.
Single.	White.	



Spirea, Gladstone

## SPIREA (Ready in December)

		Doz.	100
Gladstone.	Pure white.	\$6.50	\$45.00
Princess Mary.	Extra fine pink.	6.50	45.00
Queen Alexandra.	Bright pink.	6.50	45.00
Rubens.	Deep pink.	6.50	45.00



# MICHELL'S CHOICE PLANTS FOR FLORISTS



*Geranium, Helen Michell*

## GERANIUM, HELEN MICHELL

(Ready in December)

Grows compact, medium dwarf, with lustrous green foliage and throws up gigantic flower-heads very freely. We claim it to have the largest flower-heads of any of the Bedding Geraniums. The individual blooms frequently measure  $2\frac{1}{2}$  inches across. It is a common occurrence that a single 4-inch pot plant shows four fully open gigantic flower-heads, several half open and more in bud. We further claim that "Helen Michell" is the best Commercial Scarlet Geranium in existence. Prices,  $2\frac{1}{4}$ -inch pots, \$1.50 per doz.; 25 for \$2.25; \$8.00 per 100; 250 for \$19.50; \$38.00 per 500; per 1000, \$75.00.



*Kentia Palm*



*Hydrangea*

## MICHELL'S FORCING HYDRANGEAS

For several years we have been making a specialty of growing Hydrangeas for the florist's trade. The list of commercial varieties has become so voluminous that we have combed it thoroughly with the result we are offering what we consider the best sorts for the commercial grower to handle. We grow these in great numbers and feel certain the quality of our plants will please the buyer. The 2-inch stock is especially desirable for growing on.

**Baby Bimbimet.** Dwarf silvery rose; early and very free.

**Gen deVibraye.** Large bright rose.

**Mme. E. Moulliere.** The well known and popular white.

**Otaksa.** The old favorite and still one of the best.

**Radiant.** Deep rosy carmine.

**Trophee.** Red; a strong grower and free bloomer. Price, 2-inch pots, \$1.75 per doz.; per 100, \$12.00.

Prices for any of the above varieties—except Trophée.

	Doz.	100
2-inch pots. Ready now.....	\$1.50	\$8.00
4-inch pots. Ready in August.....	{ Prices will be	
6-inch pots. Ready in October.....	{ established later.	

## CYCLAMEN PLANTS

Grown from our Giant Show Strain of seed, which is grown for us by Specialists and cannot be excelled for the large size and beautiful coloring of the flowers. In separate colors, 3-inch, pot plants, \$3.00 per doz.; per 100, \$20.00.

## PALMS

(Ready Now)

**Kentia Belmoreana.**

Extra fine plants in 3-inch pots, \$3.50 per doz.; per 100, \$25.00.

**Kentia Forsteriana.**

Splendid, thrifty clean plants in 3-inch pots, \$3.50 per doz.; per 100, \$25.00.

We are now booking orders for 4-inch, 5-inch and 6-inch pot plants of Kentias for delivery in September.

### Testimonial

Bangor, Maine  
We have grown Helen Michell Geranium since introduced by your house and still consider it the best scarlet. Mrs. T. A.



*Michell's Giant Show Cyclamen*





Type of Michell's Giant Exhibition Pansy, 2-3 Size

## PANSY SEEDLINGS (Ready in September)

We can book orders now for delivery as above noted. Produced from Michell's Giant Exhibition strain of seed in choicest mixture of colors. \$1.00 per 100; per 500, \$4.00; \$7.50 per 1,000.

## MYOSOTIS SEEDLINGS

Splendid stock of *Alpestris Victoria* variety ready in September. \$1.00 per 100; 500 for \$4.00; \$7.50 per 1,000.

## DAISY OR BELLIS PERENNIS SEEDLINGS

In Monstrosa or Giant flowering type. White and Pink, each separate. \$1.00 per 100; 500 for \$4.00; \$7.50 per 1,000.

### NOT LESS THAN 100 SEEDLINGS OF A KIND SOLD

These travel best by Parcel Post. Add 15c. per 100 for postage.

Orders for Seedlings Offered Above Booked Now

## SEASONABLE VEGETABLE PLANTS

(Ready after July 1st.)

Brussels Sprouts, Matchless. Hotbed or field grown. 60c. per 100 (by mail, 70c.), \$5.00 per 1,000 by express.

Cabbage—Field Grown:	100	1000
Late Flat Dutch	\$0.50	\$4.00
Danish Ball Head	.50	4.00
Red Dutch	.50	4.00

If cabbage plants are wanted by Parcel Post add 15c. per 100 to price quoted for mailing charges. Special prices can be quoted on large quantities.

Celery Plants—Strong stock:	100	1000
Giant Pascal—Late	\$0.60	\$5.00
Golden Self Blanching	.60	5.00
White Plume	.60	5.00
Winter Queen	.60	5.00

If Celery Plants are wanted by mail, allow 4 lbs. weight per 100 for postage.

## POT GROWN STRAWBERRY PLANTS

Ready after July 1st—Many florists have garden space which they will find profitable for home use if planted to strawberries. Our list comprises the best sorts.

### EARLY VARIETIES

Early Jersey Giant.	Senator Dunlap.
Premier.	Success.

### MID-SEASON VARIETIES

Big Joe.	Marshall.
Brandywine.	William Belt.

### LATE VARIETIES

Chesapeake.	Lupton.
Gandy's Prize.	Steven's Late Champion.

Prices of above Pot Grown Plants, \$1.00 per doz.; per 100, \$6.00; \$50.00 per 1,000

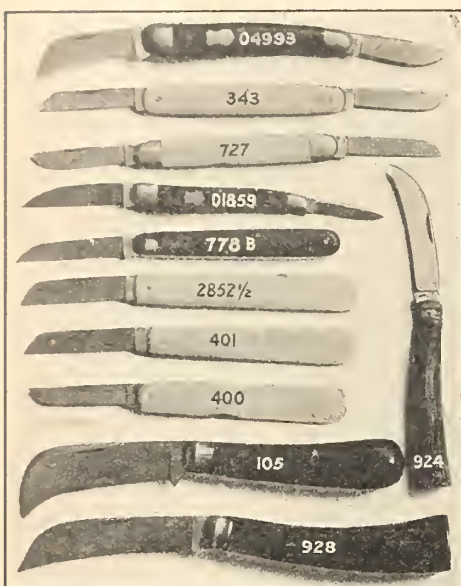
### FALL FRUITING VARIETIES

Progressive.	Superb.
Price, Pot Grown Plants, \$1.15 per doz.; per 100, \$7.00; \$60.00 per 1,000.	

Our Strawberry Plants are shipped out of pots.







## HORTICULTURAL KNIVES

A good knife is an essential to every gardener and florist. Our stock consists of such styles that are practical and in demand. They are all of the best steel; every one is guaranteed to be perfect, and give good satisfaction. Each

924	English Pruner, 1 blade.....	\$2.25
928	English Pruner, 1 blade.....	2.50
04993	Budding and Pruning, 2 blades	1.50
2852 1/2	Budding, 1 blade.....	1.10
778B.	Budding, 1 blade.....	.75
303	2 Blade Saynor Pruning, stag handle.....	2.25
105	Pruner, 1 blade, steel band cocoa handle.....	1.10
727W.	Budding, 2 blades.....	1.50
400	Saynor Budding, 1 blade....	3.50
401	Saynor Budding, 1 blade....	3.25
343	Saynor Budding, 2 blades....	3.50

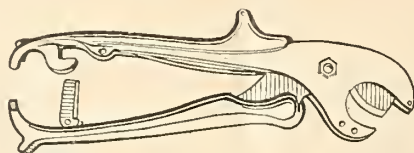


Pexto Pruning Shear

## PRUNING SHEARS

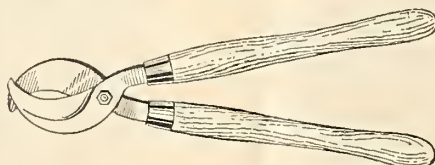
No.		P.P.Weight	Each
0	Pexto, 9 inches	2 lbs.....	\$0.55
50	Pexto, 8 inches	2 lbs.....	1.00
R50	Pexto, 9 inches	2 lbs.....	1.25
55	Pexto, 9 inches	2 lbs.....	1.50
65	Pexto, 9 inches	2 lbs.....	1.60
R70	Pexto, 9 inches	2 lbs.....	1.75
R95	Pexto, 10 inches	2 lbs.....	4.00
R165	Pexto, 9 inches	2 lbs.....	2.00
109	Wiss, 8 inches	2 lbs.....	3.50
110	Perfection, 8 inches	1 1/2 lbs...	2.75
999	Michell's	1 lb.....	2.75
23	Henckel, 4 1/2 inches	1 lb.....	1.50
23	Henckel, 6 1/2 inches	1 lb.....	1.75
14	Nickeled, 6 1/2 inches,	1 1/2 lbs...	1.50
1586	French, 7 1/2 inches	1 1/2 lbs...	3.00
1586	French, 8 1/2 inches	2 lbs.....	3.00

Spiral Springs for any of the above Pruning Shears, 15c. each; per doz., \$1.50. Parcel Post Weight, per doz., 1/2 lb.



## LEVIN PRUNER No. 23

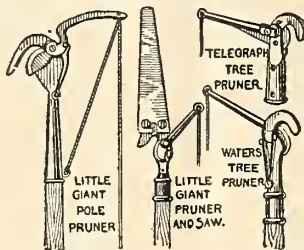
The handle of these shears afford a great deal of leverage, which makes very easy cutting possible. Price, 90c. Weight, 2 lbs.



Rhodes Lopping Shear

## LOPPING SHEARS

No.		Each
109	English.....	\$6.00
1	Disston Lopping. 27 1/2-inch handles.....	2.50
2	Disston Vine Lopping. 27 1/2-inch handles.....	2.25
3	Disston Bull Dog Lopping. 27 1/2-inch handles.....	2.25
5	Disston Utility Lopping. 9 inch handles.....	1.75
	Rhodes Double Cut.....	4.50



## TREE PRUNERS

Disston's Little Giant Pruner.....	\$2.00
Parcel Post Weight, 3 1/2 lbs.	
Disston's Little Giant. With saw attachment.....	2.50
Parcel Post Weight, 4 lbs.	

The above prices are for Pruner without rope or pole.

## TELEGRAPH TREE PRUNER

Removable blade, which can be renewed when worn out for 30c. Price, plain, \$1.75. Parcel Post Weight, 2 lbs.

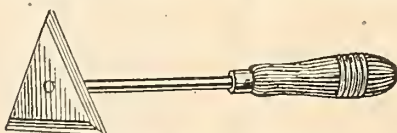
## WATERS TREE PRUNERS

With pole and removable cutting blade, complete.

4 feet.....	\$2.00	10 feet.....	\$3.00
6 feet.....	2.50	12 feet.....	3.25
8 feet.....	2.75	14 feet.....	3.50

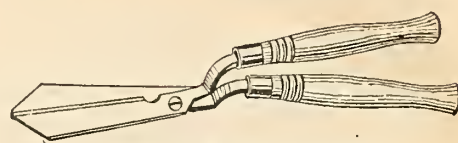
Extra Blades for Waters Pruners, 30c. each. None of the above Tree Pruners except the Waters are equipped with poles or rope.

Poles for Tree Pruners. 12 feet long, 1 1/4 inches diameter.....\$1.80 14 feet long, 1 1/2 inches diameter.....2.00 Waters Pruners or Poles are not mailable.



## TREE SCRAPER

For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened. Price, 55c.



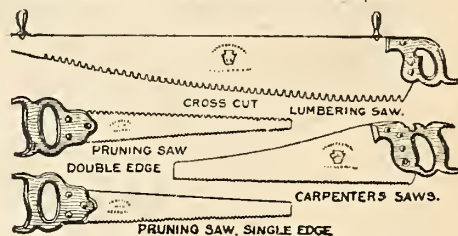
## HEDGE SHEARS

No.		American	English
101 A	8-inch.....	\$2.00	\$3.25
101 "	9 ".....	2.20	3.50
101 "	10 ".....	2.70	4.00
101 "	12 ".....	3.50	4.50

Lock Bolts, Nuts and Washers for hedge shears, 25c. each.

## Yeakle Hedge Shear

Will not push the hedges forward but will hold it and cut it at once. Price \$6.50.



## CROSS-CUT LOG SAWS

One Man, 3 1/2-foot blade.....	\$3.25
Two Man, 5-foot blade.....	5.25

## CARPENTER SAWS

When ordering state if rip or cross-cut. Disston No. 8—26-inch blade.....\$3.00 Disston No. 8—28-inch blade.....3.50

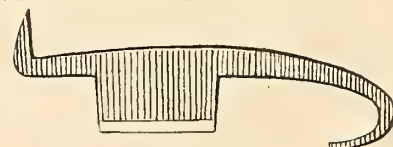
## DISSTON PRUNING SAWS

	P.P.Weight	
18-inch. Double edge....	2 lbs.	\$1.10
20 " Double edge....	2 lbs.	1.20
16 " Single edge....	2 lbs.	1.40
18 " Single edge....	2 lbs.	1.50
20 " Single edge....	2 lbs.	1.55
22 " Single edge....	2 lbs.	1.65



## GRAFTING WAX

1/4-lb., 10c.; 20c. per 1/2 lb.; 1 lb., 35c.



## GRAFTING TOOL

Parcel Post Weight, 1 lb. Made of best steel, for grafting trees, etc., each.....\$0.85

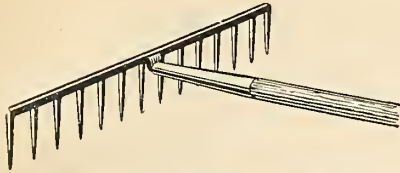
## PRUNING GLOVES

No. 216 Horse Hide, with Gauntlets, lined per pair.....	\$1.75
No. 66 Horse Hide, with Gauntlets, not lined, per pair.....	\$1.75
No. 62 Buckskin, with Gauntlets, not lined, per pair.....	\$2.50

## PRUNING COMPOUND

Used for painting the wounds of trees after pruning.	
1 quart.....	\$0.75
1 gallon.....	2.25

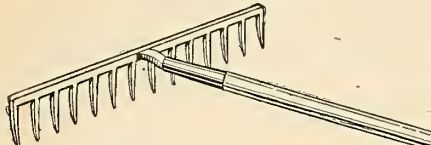




## STEEL GARDEN RAKES

Made of best cast steel, with long teeth for penetrating the ground.

No.		No.	
6—6 tooth..	\$0.70	12—12 tooth..	\$0.85
8—8 “ ..	.75	14—14 “ ..	.90
10—10 “ ..	.80	16—16 “ ..	.95
No. 18—18 tooth, \$1.00.			



## STEEL GRAVEL RAKES

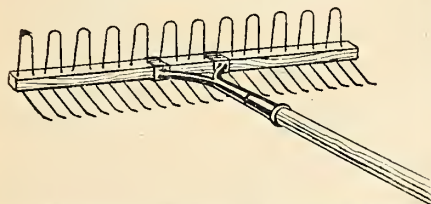
These rakes are used for road-making and for paths. Having very short teeth they do not gather up stones or gravel.

G12—12 tooth.	\$0.90	G16—16 tooth.	\$1.10
G14—14 “ ..	1.00	G18—18 “ ..	1.20
No. G20—20 tooth, \$1.30.			

## STEEL BOW RAKES

The teeth are slightly bent toward the operator.

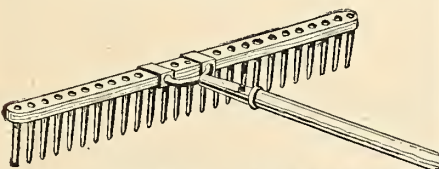
B12—12 tooth.	\$0.95	B14—14 tooth.	\$1.00
No. B16—16 tooth, \$1.05.			



## WIRE LAWN OR GRASS RAKES

Made of heavy tinned steel wire. Excellent for lawn or walk work. Rake is reversible.

124R—24 tooth.	65c.	36LR—36 tooth.	\$1.10
No. 342—42 tooth, \$1.25.			



## OLE OLSEN LAWN RAKE

Made of best hard wood; well braced; teeth set close together.

26 tooth, hickory wood. Price, \$1.10.

## JAPANESE BROOM RAKE

Made of split bamboo; cleans the lawn or grass plot as completely as though swept with a broom. Price, 85c.

## WOODEN RAKES

Ames, 37X, 24 tooth, steel bows; for lawns.....	\$1.15
Ames, 14 tooth, wood bow; for hay..	1.00
Twenty tooth, lawn; wire braced....	.65

## AUTOMATIC LAWN RAKE

Self cleaning.

26 tooth, wood.	\$1.10	38 tooth, wood.	\$1.50
24 tooth, galvanized, \$1.80.			

## MARKING RAKE

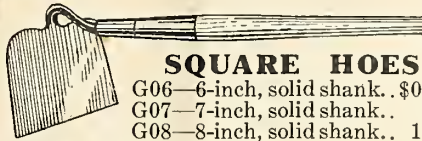
These are for marking out garden rows; adjustable brass teeth which are set for any width row desired up to 4½ feet. Price, \$6.00. (Extra teeth, 60c. each.)



## HALF MOON HOES

Best steel solid sockets, which will not pull out.

HM3—3-inch..	\$0.85	HM6—6-inch..	\$0.95
HM4—4 “ ..	.90	HM7—7 “ ..	.95
HM5—5 “ ..	.90	HM8—8 “ ..	1.00



## SQUARE HOES

G06—6-inch, solid shank.	\$0.90
G07—7-inch, solid shank..	.95
G08—8-inch, solid shank..	1.00

No. 10—10-inch for celery..... 1.50

## WARREN HOES (Heart Shaped)

W7—7-inch.....	\$1.00
W7½—7½-inch.....	1.10

## BABY WARREN

No. BW 4½. Short handle..... \$0.55

## TWO-PRONG ONION HOE

No. 2P..... \$0.60



## SHOVELS

We handle only the very best makes of steel shovels. Every one guaranteed.

Short Handle	Each
Ames, round point.....	\$2.25
Ames, square point.....	2.25
Maynard, round point.....	2.50
Maynard, square point.....	2.50
Portage City, round point.....	1.75
Portage City, square point.....	1.75

Long Handle	
Ames, round point.....	\$2.25
Maynard, round point.....	2.50
Maynard, square point.....	2.50
Portage City, round point.....	1.75
Portage City, square point.....	1.75



Michell's Special Spade

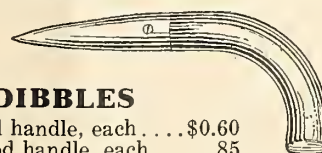
## STEEL SPADES

Ames, short handle.....	\$2.25
Maynard, short handle.....	2.50
Michell's Special, short handle.....	1.25
Nursery (Ames), short handle.....	3.25
Portage City, short handle.....	1.75
Boys.....	1.30

## SPADING FORKS

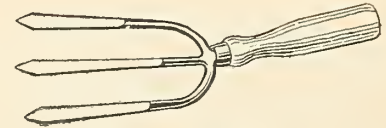
Strapped shanks; short or D-wood handle. Made of best quality steel.

No. O 4 H W. Men's 4-tine.....	\$1.75
No. O 5 H W 5. Men's 5-tine.....	2.00
No. B 4 D. Boys' or Ladies' 4-tine...	.90
No. E D 4. English, 4-tine.....	2.00



## DIBBLES

Iron, wood handle, each....	\$0.60
Brass, wood handle, each....	.85



## WEEDERS

Eureka Weeding Fork (see cut above), 45c. each; doz., \$5.00.

Eureka Weeder, 45c. each; doz., \$5.00.

Magic Weeder, small, No. A, 20c. each; per doz., \$2.00; No. B, medium, 30c. each; doz., \$3.00; No. H, large, \$1.10 each.

Makefield Weeder, 40c. each.

Excelsior Weeders, 10c. each; doz., \$1.10.

Excelsior Weeding Forks, 10c. each; doz., \$1.10.

No. 1. 3W Steel Weeder, 45c.

Hazeltine Weeder, 45c. each; doz., \$5.00.



## JOHNSON TROWEL No. 211

These are made of one-piece steel blade and shank; equal to the imported trowels.

5-inch.....	\$0.70	6-inch.....	\$0.75
7-inch..... \$0.80			

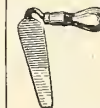
## No. D. S. T. STEEL SHANK TROWEL

Many prefer these as they are somewhat longer in blade and handle, making a very practical tool. 75c. each; doz., \$7.50.

## CLEVES ANGLE TROWEL

For getting dandelion, plaitain and other weeds out of the lawn, etc.

5-in... \$0.20	6-in... \$0.25	7-in... \$0.30
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## TRANSPLANTING TROWEL

Steel shank and blade. 60c. each.

## MISCELLANEOUS TROWELS

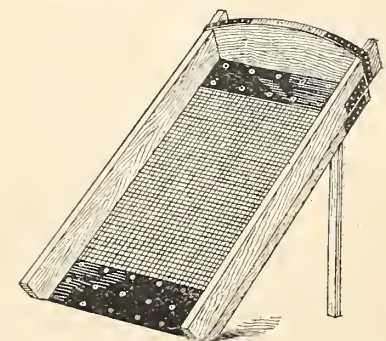
No. 213—5-in. Thin Steel. Each, 18c.; \$1.75 per doz.	
No. 213—6-in. Thin Steel. Each, 20c.; \$2.00 per doz.	
Neverbreak—6-in. Heavy Steel. Each, 20c.; \$2.00 per doz.; per gross, \$18.00.	

## SIEVES (Any size mesh)

Made extra well, of galvanized wire and hardwood. Round shape.

20-inch Foundry (extra heavy).....	\$1.40
20-inch Regular wire.....	1.35
18-inch Regular wire.....	1.15

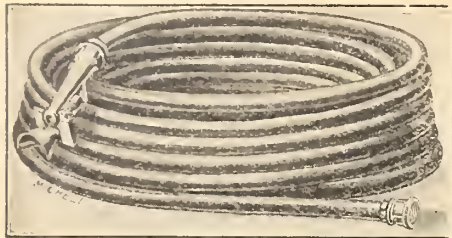
## LARGE UPRIGHT SIEVE



For soil, gravel, sand, etc. Made in any size mesh, of extra heavy grade foundry wire. \$13.50 each.



# MICHELL'S GARDEN AND GREENHOUSE ACCESSORIES



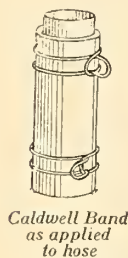
## RUBBER HOSE

Special attention is called to "Michell's Akron" Hose, a new brand, which, having been thoroughly tried out, has made good.

	Per Foot
*Michell's Special, $\frac{1}{2}$ in.	\$0.15
*Michell's Special, $\frac{3}{4}$ in.	.18
*Michell's Akron. Flexible, durable, uninkable, $\frac{3}{4}$ in.	.21
*Michell's Magic, $\frac{3}{4}$ in.	.22
*Electric, $\frac{3}{4}$ in.	.22
*Electric, $\frac{1}{2}$ in.	.20
*Whip Cord, $\frac{3}{4}$ in.	.18
Spray Pump Hose, $\frac{3}{8}$ in.	.14

P. S.—Brands marked \* come in reels of 500 feet and sections in any length to that number of feet may be had.  
25- and 50-foot sections of hose coupled free. Smaller sections coupled at the rate of 25c. per pair for couplings attached.

Hose Washers (Rubber).	Doz.	$\frac{1}{4}$ lb.	Lb.
$\frac{3}{4}$ inch.	\$0.05	\$0.20	\$0.60
1 inch.	.05	.25	.65



Caldwell Band as applied to hose



## HOSE BANDS

For fastening couplings and menders.

### CALDWELL'S

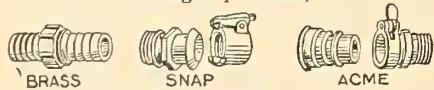
No.	Doz.	Gross
8—For 4-ply hose	\$0.35	\$3.00
6—For 3-ply hose	.35	3.00
P. P. Weight, doz., $\frac{1}{4}$ lb.; 100, $2\frac{1}{4}$ lbs.		

Pliers for above, No. 2, 40c. per pair.

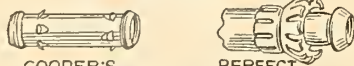
### SURE GRIP

Can be furnished in  $\frac{1}{2}$  inch,  $\frac{5}{8}$  inch and  $\frac{3}{4}$  inch, either size, 5c. each; doz., 50c.; \$3.50 per 100.

Parcel Post Weight per doz., 1 lb.



HOSE COUPLINGS



HOSE MENDERS.

## ACME HOSE COUPLINGS

No. 3 part, for attaching to spigot, 25c. each; per doz., \$2.75.  
Parcel Post Weight, per doz., 3 lbs.  
No. 4 part, for attaching to hose, 45c. each; doz., \$4.75. Wt., per doz., 3 lbs.  
Couplings complete, consisting of one No. 3 and one No. 4 part, 70c. each; per doz., \$7.50. Wt., per doz., 6 lbs.

## BRASS HOSE COUPLINGS

	P.P.Wt.	Pair	Doz.
Doz.			
$\frac{1}{2}$ inch.	3 $\frac{1}{4}$ lbs.	\$0.20	\$2.00
$\frac{1}{4}$ inch.	4 lbs.	.20	2.00

## PERFECT HOSE COUPLINGS

Equipped with a clamp on the male and female part for securing to the hose; no band required; for  $\frac{1}{2}$  and  $\frac{1}{4}$ -inch hose; mention which is wanted when ordering. 40c. per pair; doz. pairs, \$4.50.

## SNAP HOSE COUPLINGS

Snap Couplings. 32c. per pair; doz. pairs, \$3.50. (Washers, 18c. per doz.)  
Parcel Post Weight, per doz.,  $2\frac{1}{2}$  lbs.

## SNAP COUPLING PARTS

No. 2.—Male, 12c. each; per doz., \$1.25.  
Parcel Post Weight, per doz.,  $1\frac{1}{4}$  lbs.  
No. 1.—Female, 20c. each; per doz., \$2.25.  
Parcel Post Weight, per doz.,  $1\frac{1}{4}$  lbs.  
Washers for Snap coupling parts, 18c. per doz.; per 100, \$1.25.

## HOSE MENDERS

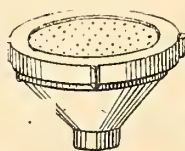
	Each	Doz.	100
Cooper's, $\frac{3}{4}$ in.	\$0.10	\$1.00	\$6.50
Cooper's, $\frac{5}{8}$ in.	.10	1.00	6.50
Cooper's, $\frac{1}{2}$ in.	.10	1.00	6.50
Iron, $\frac{3}{4}$ in.	.08	.85	6.50

## PERFECT HOSE MENDERS

For  $\frac{1}{2}$ - and  $\frac{3}{4}$ -inch hose, 12c. each; doz., \$1.25; \$9.00 per 100.  
Parcel Post Weight, per doz.,  $1\frac{1}{4}$  lbs.

## SIAMESE HOSE CONNECTION

This permits one lead of hose to be diverted in two directions. Additional two-way connections can be used according to the water pressure. Price, 65c. each.  
Parcel Post Weight, 1 lb.



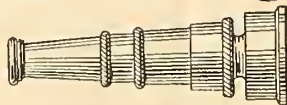
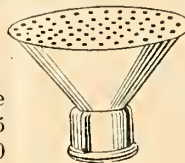
## BINKS NOZZLE

Made of aluminum, with brass face, equipped with interchangeable sprays, coarse and fine. \$2.75 each. Parcel Post Weight,  $1\frac{1}{4}$  lbs.

## BOSTON SPRAY NOZZLE

(For  $\frac{3}{4}$ -inch Hose)

	P.P.Wt.	Price
Light Copper $\frac{1}{2}$ lb.		\$1.25
Heavy Brass 1 lb.		1.10



## PERFECTION HOSE NOZZLE

$\frac{3}{4}$ -inch hose. Regulated to give three different streams. Price, 65c.  
Parcel Post Weight,  $\frac{1}{2}$  lb.

## ALLENS HOSE NOZZLE

Similar to the Perfection Nozzle.  
Parcel Post Weight,  $\frac{1}{2}$  lb. Price, 60c.

## RAINBOW HOSE NOZZLE

Makes a full stream or fine spray, which can be changed by a slight pressure of the thumb; positive shut off; no leaks; nothing to wear out. Price, 90c.

## CHAMPION (Brass) NOZZLE

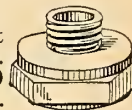
A dandy nozzle for greenhouse use; makes a spray or a solid stream; easily adjusted. 60c. each. P. P. Wt.  $\frac{1}{2}$  lb.

## ROSE NOZZLE

Useful for watering lawn and garden. Parcel Post Weight,  $\frac{1}{2}$  lb. Price, 30c.

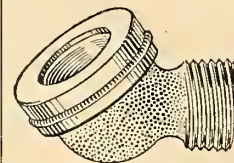
## HOSE REDUCERS

Reduces 1-inch pipe to fit regular  $\frac{3}{4}$ -inch hose. All brass. Each, \$0.60  
Parcel Post Weight,  $1\frac{1}{2}$  lbs.

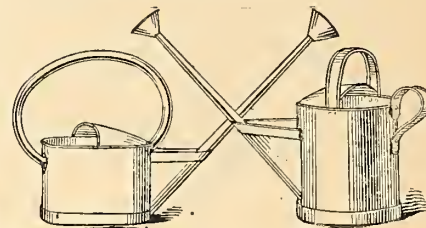


## HYDRANT ATTACHMENT

Used for attaching hose to smooth faucets.



No. 2. For small spigot, each, \$0.55  
No. 3. For large spigot, each, .55  
Parcel Post Weight,  $\frac{1}{2}$  lb.



## WATER CANS (Wotherspoons)

Extra Heavy—With Long Spout—Will Last for Years

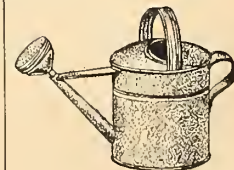
Each Wotherspoon can comes equipped with 2 roses, one coarse and one fine.

	Round	Oval
4 quart.	\$3.15	
6 "	3.25	\$4.05
8 "	3.75	4.30
10 "	4.00	4.60
12 "	4.40	5.15
16 "	4.90	5.75
4-qt. Fern or Low Watering Can	2.60	

Extra Roses for Wotherspoon Watering Cans, either coarse or fine, 40c. each.

## IRON CLAD WATER CANS

Made of light galvanized iron.



4-quart.	\$0.90
6 "	1.00
8 "	1.15
10 "	1.35
12 "	1.45
16 "	1.80

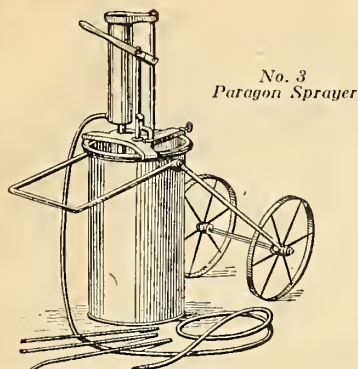
## RUBBER APRONS

For watering, etc., made of extra heavy material; brass eyelets. \$2.00 each.

Aberdeen, Miss.  
Your Hose stands greenhouse wear better than any we have used.

A. Y. Co.





## PARAGON SPRAYERS

Especially desirable for the reason that it is not necessary to strain the material. Excellent for applying whitewash or cold water paint.

No. 0.—Capacity 3 gallons; equipped with 4 ft. of hose, 1 3-ft. extension pipe and 2 spray nozzles, \$11.50.

No. 1.—With a 5-gal. reservoir, 5 ft. of hose and 2 extension pipes, \$16.50; complete with truck, \$21.25.

No. 3.—Equipped with a 12-gal. tank mounted on a truck, three 2½ ft. extension pipes, 2 nozzles and 10 ft. of hose, \$24.00. Without truck, \$20.50. We can also supply this sprayer with single wheel at same price.

No. 4.—Mounted on a two-wheel truck; equipped with 10 ft. of extension pipe, 20 ft. of hose and 2 nozzles, \$38.00. Without truck, \$28.00.

No. 5.—Capacity of barrel 50 gallons; equipped with 25 ft. 6-ply hose, 1 10-ft. iron extension pipe, 1 3-way spray nozzle and 1 single spray nozzle, no truck, \$42.50.

Extra Washers for pump plungers for Paragon Sprayers, 25c. each.

We can also supply parts for Paragon Sprayers; price list on application.

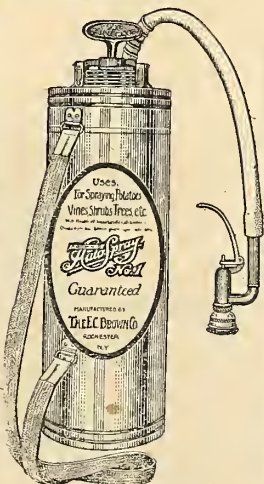
## AUTO SPRAY

This operates by compressed air; safe and efficient; liquid capacity, four gallons; pressure capacity, 40 lbs. No sprayer is sold under broader guarantee for efficiency and durability. They will successfully spray bushes, shrubbery and trees, the latter with the use of extension pipes. The brass tank sprayer is the best as corrosive solutions can be used in it without injuring the same. Auto-Sprayers are not mailable.

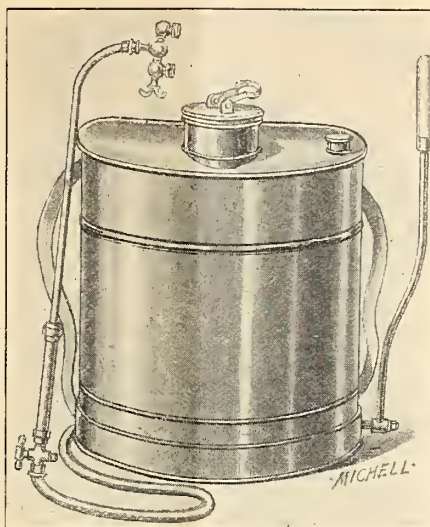
No. 1-B.—Brass; equipped with hose and Auto-Pop Attachment, \$9.00.

No. 1-D.—Galvanized Iron; equipped with hose and Auto-Pop, \$6.30.

**Auto Pop Nozzle Attachment;** controls the flow instantly by a pressure of the hand. When Auto-Pop Attachment is purchased separately: Plain, \$1.80 each. \$2.25 complete with hose. P. P. weight, 1 lb.

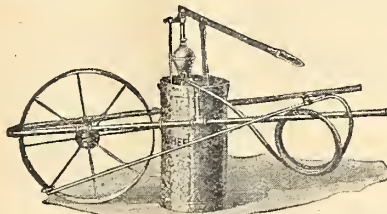


Auto Spray



## No. 1 MYSTO SPRAYER

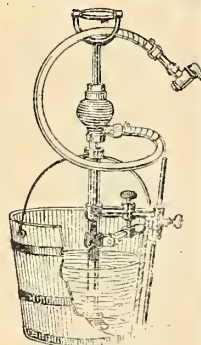
A new knapsack sprayer which works on the compressed air principle. Compact in construction and light in weight, so that it can be easily carried around. We sell this sprayer under the condition that if it is not satisfactory it may be returned at our expense. Price, \$22.50.



## WHEELBARROW SPRAYER

Extreme width 18 inches, narrow enough to go through the aisles of a greenhouse; 24 in. wheel with a 3 inch tread, making it easily handled over soft and rough ground. Pump has 1½ in. diam. cylinder, with adjustable stroke. Equipped with 12-gal. galvanized tank, 10 ft. hose, 4 ft. extension pole, nozzle and shut off valve. \$26.00.

## BUCKET SPRAY PUMPS



These are made entirely of brass except the foot rest, bucket fastener and hand grip. The prices below do not include bucket, but include nozzle and 3½ feet of ¾-in. hose.

No. 256. **Success** (without bucket fastener), \$7.25.

No. 689. **Perfect Success** (with bucket fastener), \$7.50.

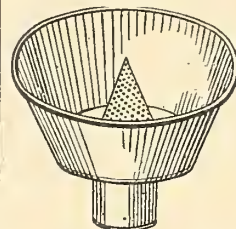
## EXTENSION PIPES, ETC.

For reaching into trees (¾-in. threads).

Bamboo, aluminum tube, 10 feet.....	Each \$4.00
Galv. Iron, 2 ft., for Auto Sprays.....	.45
Brass, 2 ft., for Auto Sprays.....	.55
Pet Cock, for extension pipes.....	1.10
Paragon Extension, 2½ feet.....	.45

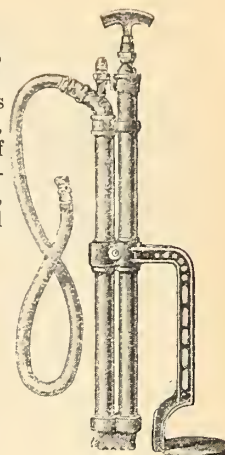
## MYERS BUCKET PUMP

This is a double brass chamber arrangement, and fills the want of those desiring a medium-priced sprayer. Price, \$5.00, including hose and nozzle.



## COPPER STRAINER

For straining whitewash, spraying material, etc., \$1.25 each. Parcel Post weight, 1 lb.



Myer's Pump

## HAND SPRAYERS

**Automatic (Compressed Air).** See cut. Tin, each.... \$0.90 | Brass, each.... \$1.80.

**Cyclone Sprayer.** Similar to the above but with no automatic air reservoir.

No. 112, tin, each, 45c.; No. 114, brass, each, 90c.

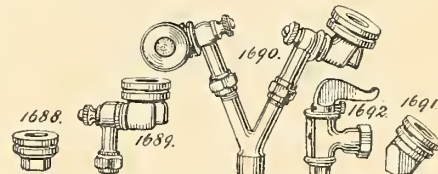
**Robertson's Sprayer.** Galvanized tank; furnishes a continuous spray, with an adjustable nozzle, for spraying underneath foliage. Price, \$1.50 each.

**Jim Dandy.** Adapted for spraying vegetables and flowers, small fruits, etc.; Heavy seamless brass pump, brass nozzle, nonclogable; throws long distance fine mist or coarse spray. Price, \$3.25.



## HEAVY BRASS SYRINGES

No.	Diam.	Length	Parcel Post	Wt.	Price
99.	1½ in.	18 in.	1 spray.	1¼ lbs.	\$4.25
101.	1¼ in.	14 in.	2 sprays.	2 lbs.	4.50
101A.	1½ in.	16 in.	2 sprays.	2¼ lbs.	4.75
110.	1½ in.	20 in.	2 sprays.	4½ lbs.	10.25
120.	1¼ in.	20 in.	Adjustable	5 lbs.	12.00

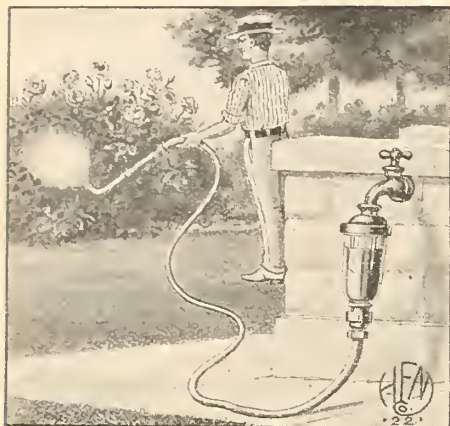


## SPRAY NOZZLES (¾-in. Thread)

Mistry, Jr., Fig. 1688, Straight style.....	Each \$0.80
" Jr., Fig. 1691, Elbow style.....	.80
" Fig. 1689, Single nozzle, adjustable angle.....	1.50
" Fig. 1690, Double nozzle, adjustable angle.....	3.05
Fig. 1692, Bordeaux.....	1.10

If nozzles are wanted for ¾-in. hose connections, add 60c. to above prices for Fig. 966 combination.





Houghton Sprayer

**HOUGHTON SPRAYER**

A device for attaching to the water line spigot for distributing greenhouse insecticides; the sprayer can also be attached to a force spray pump by means of an interchangeable ferrule,  $\frac{1}{2}$  and  $\frac{3}{4}$ -inch. The illustration shows a glass reservoir into which a cartridge of insecticide is put, the water is turned on after the hose is attached and you have a perfect system of applying insecticides to plants either under glass or out of doors; a branch pipe with nozzle which is part of the equipment is put on the nozzle end of the hose and the preparation to be used is applied. Price of nozzle, pipe and reservoir with interchangeable ferrules, \$6.75

**Price List and Varieties of Cartridges**

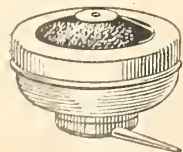
	Each	Doz.
Arsenate of Lead.....	\$0.55	\$6.00
Hellebore (Petroleum).....	.55	6.00
Arsenate of Lead and Fish Oil (Comb.).....	.55	6.00
Fish Oil.....	.55	6.00
Fish Oil and Nikoteen.....	.55	6.00
Caustic Petroleum.....	.55	6.00
Bordeaux and Fish Oil.....	.55	6.00

**PARIS GREEN SHAKERS**

For dusting vegetables, potatoes, etc.

B. D. Style. Made of tin. (P. P. Wt., 3 lbs.), 65c. each.

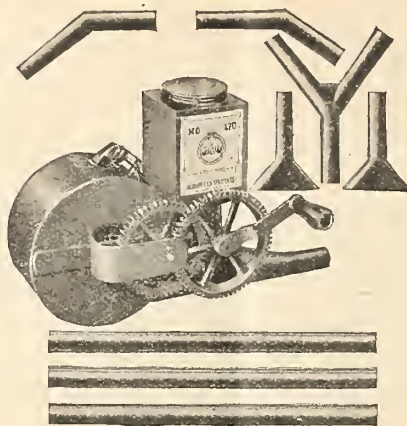
Farmer's Favorite. (See cut.) Large double-action affair; \$3.25 each. P. P. Wt., 4 lbs.

**WHIRLWIND POWDER GUN**

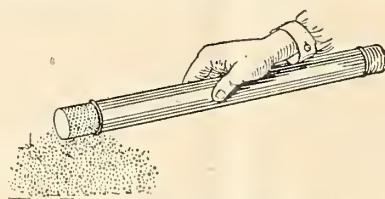
Very useful for distributing dry powder.

Price, 30c.

P. P. Weight, 8 ozs.

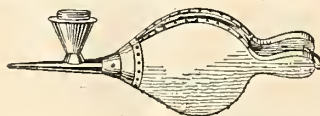
**UTILITY DUSTER**

Used for the application, in dry form, of Arsenate of Lead, Paris Green, etc. Made of heavy tin, enameled red; iron and brass machined cut gears. Provided with tubes, connections and nozzles as illustrated; also an adjustable carrying strap. Price, \$12.00.

**DICKEY DUSTER**

Excellent for distributing Bug Death, Slug Shot, etc. Price, 45c.; P.P. Weight, 1 lb.

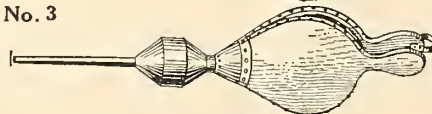
No. 1



No. 2



No. 3

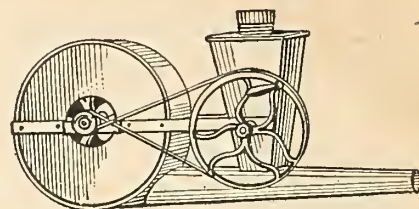
**BELLOWS**

	P.P. Wt.	Each
No. 1. Small Single Cone....	2 lbs.	\$3.00
No. 2. Sulphur Bellows....	3 lbs.	3.75
No. 3. Large Double Cone....	5 lbs.	6.25
Large Single Cone....	3 lbs.	4.25

**LIQUID MANURE DISTRIBUTOR**

This can be attached to hose with which you are watering and, connected with a barrel of liquid manure, the suction of water will draw a quantity of manure with it.

Price, \$2.50 each. (P. P. Wt., 2 lbs.)

**SULPHUR BLOWER**

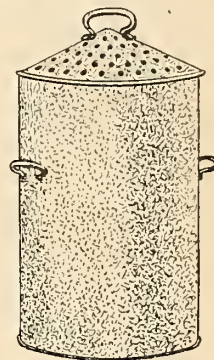
For distributing sulphur and insecticides of various kinds. Made of heavy metal; no wearout to them. Price, \$7.00.

**VAPORIZING LAMP**

Practical and indestructible; all metal; burns kerosene; used for dispensing fumes of Nikoteen and other preparations of this sort. 75c. each; doz., \$8.00.



Vaporizing Lamp



Perfection Fumigator

**FUMIGATORS  
Perfection Make**

Fitted with a water tank to prevent burning out.

No.	Feet	Each
1 for house, 12 x 40.....		\$5.50
2 for house, 15 x 100.....		6.75
3 for house, 20 x 100.....		8.50
5 for house, 20 x 150.....		10.50

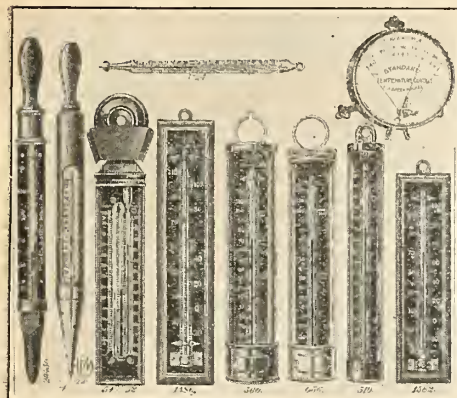
**Eureka Make**

1 for house, 10 x 40.....	\$3.00
2 for house, 15 x 50.....	3.25
3 for house, 15 x 100.....	4.75
4 for house, 20 x 100.....	6.75

**MISTO SPRAYER**

For applying water to cut flowers, funeral and other design work; makes a fine mist, avoiding all drip; made of metal, nicely nickeled. Price, without bottle, \$1.00 each; 6 for \$5.00.





## THERMOMETERS

No. 5452.—Maximum and Minimum. Registering the coldest and the warmest points during the previous night. 8-in., each, \$4.00.

**Tested Grade.** These are accurate and may be depended upon. Each Doz.

No. 556—8 in., Tin Case....\$0.80 \$8.50

No. 560—10 in., Tin Case.... 1.10 12.00

No. 506—8 in., Greenhouse.. .60 6.50

No. 510—10 in., Greenhouse.. .65 7.00

No. 652—8 in., Copper Case.. 1.50

No. 656—10 in., Copper Case.. 1.85

No. 1582—8 in., Wood Back... 1.00

No. 1586—10 in., Wood Back.. 1.25

**DAIRY THERMOMETER** Each

No. 5724—For use also in testing soil...\$0.45

**HOTBED THERMOMETERS**

No. 20450—Galvanized Point.....\$1.75

No. 1—Brass Point, wood case, paper scale, each..... 1.25

**THERMOSTATS** (See illustration)

No. 1—Thermostat. This will be found far more reliable than the old method of having a thermometer attached to an ordinary thermostat and bell. Furnished complete with the exception of wire, battery and bell. All brass. Price f. o. b. Philadelphia. Not water proof style, G. H. 3, \$10.50; G. H. 4, water proof style, \$16.50. Price f. o. b. factory, G. H. 3, \$10.00 each; G. H. 4, \$16.00 each.

**RECORDING THERMOMETER**

Can be equipped with either a daily or weekly chart enabling the grower to keep an accurate record of the temperature in his greenhouse during every hour of the day and night; equipped with a high grade clock and ink stylus which marks very accurately. When ordering state if weekly or daily record chart is desired. Price, \$40.00, f. o. b. factory.

**PAPER FOR WRAPPING BOXES AND FLOWERS**

Lb. ½ Ream Ream

Manila. For wrapping.\$0.14 \$2.00 \$3.50

Manila. Tissue..... .20 .90 1.60

Wax. White. Best quality, 24 x 36 inches... .30 1.50 2.75

Wax. Green. Best quality, 24 x 36 inches... .40 1.75 3.25

**CREPE PAPER**

Color, green. 45c. per roll.

**TINFOIL**

Width Lb. 5 lbs. 10 lbs.

Plain (5 lb. rolls) .5 inch \$1.20 \$2.30

Plain.....5 " \$0.23 1.10 2.10

Plain.....6 " .23 1.10 2.10

Violet Foil.....6 " .45 2.00

Green Foil.....6 " .45 2.00

Patent Cutter for rolls of Tinfoil, 60c.

## WIRED TOOTHPICKS

4 inch, dyed green, per box of 4,500, \$3.00; \$6.00 for 10,000.

6 inch, dyed green, per box of 3,000, \$2.50; \$7.50 for 10,000.



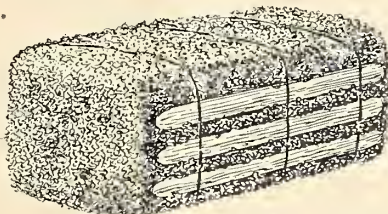
Toothpick Holder

## WIRED TOOTHPICK HOLER

A handy device for holding wired toothpicks. Price, \$2.50.

## GREENING PINS

Saves valuable time in greening designs. Price, \$2.25 per 10 lb. box.



## MOSS

We make a specialty of long, clean, selected sphagnum moss; florists will find the quality we furnish to be much better than the average.

**Sphagnum, Live or Green.** Peck, 40c.; \$1.25 per bush.; per bbl., \$2.75.

**Sphagnum, Dry.** Barrel sacks, \$1.25.

**Sphagnum, Dry.** Large bales burlapped or wrapped, \$3.25; \$15.50 for 5 bales; 10 bales, \$30.00.

**Green Lump.** Peck, 40c.; \$1.25 per bushel; bbl. bag, \$2.25.

**Green Sheet.** 50c. per peck; bushel, \$1.50; \$2.75 per bbl. sack.



## CUT FLOWER BOXES CORRUGATED PAPER

(For shipping)

Used almost exclusively for carrying and shipping cut flowers; they are lighter than wooden ones.

	Each	Doz.	100
48 x 14 x 8 inch.....	\$0.60	\$6.00	\$40.00
42 x 14 x 8 ".....	.55	5.50	35.00
36 x 14 x 6 ".....	.45	4.50	28.50
30 x 12 x 6 ".....	.40	4.00	26.00
24 x 8 x 5 ".....	.35	3.75	25.00

Special sizes to order in lots of not less than 100 of a kind. Price on application.

If corrugated boxes are ordered shipped, a slight charge is made for packing.

## BOXES FOR STORE USE

Mist green, lined white inside. The sizes offered in this finish are carried in stock; other sizes in this finish also in manila, mist tan and oxford gray can be supplied on short notice. Boxes shipped from stock are supplied not printed only—we can furnish boxes printed, shipment from factory in about two weeks. Printing is charged for at cost.

L.	W.	D.	Price, f.o.b. Price, f.o.b.		
			Phila.	Factory	
			Per Doz.	Per 100	Per 100
16 x 4 x 3 inch.....					\$2.97
*18 x 5 x 3 ".....			\$0.55	\$4.00	3.40
20 x 4 x 3 ".....					3.40
21 x 5 x 3 ".....					3.83
21 x 7 x 3 ½ ".....					5.52
*24 x 5 x 3 ½ ".....			.85	6.25	5.32
*24 x 8 x 4 ".....			1.10	8.00	6.80
24 x 8 x 5 ".....					7.65
28 x 8 x 4 ".....					7.65
*28 x 8 x 5 ".....			1.50	11.00	9.35
30 x 5 x 4 ".....					6.60
*30 x 10 x 6 ".....			1.90	14.70	12.50
*30 x 12 x 7 ".....			2.50	19.00	16.15
36 x 6 x 5 ".....					10.20
*36 x 8 x 5 ".....			1.90	14.00	11.90
36 x 10 x 6 ".....					15.30
42 x 8 x 5 ".....					15.30

Sizes marked \* are carried in stock at Philadelphia, the other sizes are shipped from the factory in N. Y. State, in lots of not less than 50 of a size.

## VIOLET AND CORSAGE BOXES

F. o. b. factory only.

	Per 100
8 x 5 x 5 inch.....	\$3.82
9 x 6 x 5 ".....	4.25
12 x 6 x 5 ".....	5.10
12 x 10 x 6 ".....	7.14
15 x 6 x 5 ".....	6.16

**SPECIAL NOTE.**—There is no charge for printing boxes when the order amounts to 500 or more in one or assorted sizes; if less are ordered the charge for printing in one color, is \$1.75 for the lot.

## DESIGN BOXES

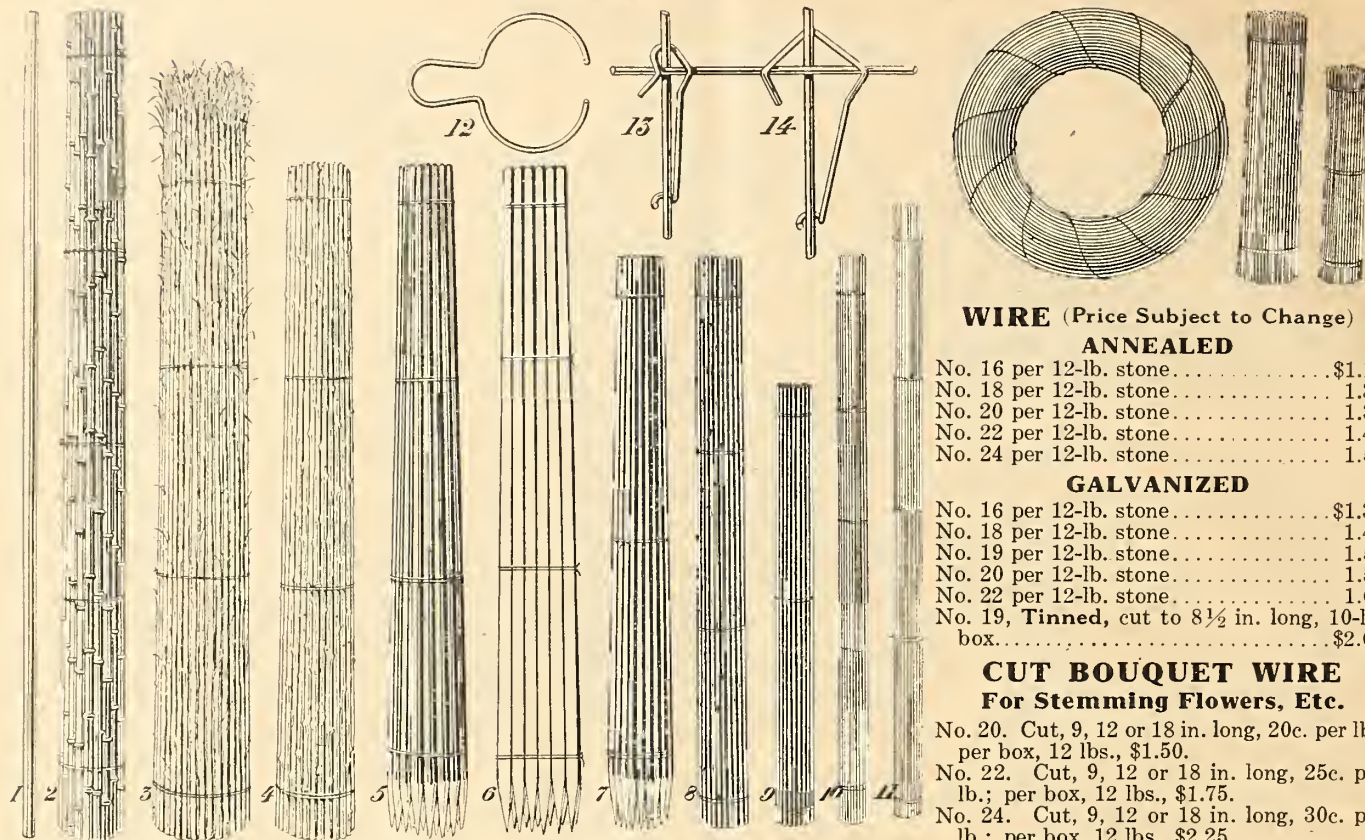
Manila lined board in heavy weights.

F. o. b. factory only. Per 100

16 x 16 x 8 inch.....	\$11.10
18 x 18 x 8 ".....	13.09
20 x 20 x 9 ".....	17.26
24 x 24 x 8 ".....	19.55



## MICHELL'S SUNDRIES FOR FLORISTS, ETC.



*Key to above illustration: No. 1 Pole for Pruners; No. 2, Bamboo Poles; No. 3, Southern Cane; No. 4, Japanese Cane natural; No. 5, Dakhia; No. 6, Square; No. 7, Tapering; No. 8, Japanese Cane, green; No. 9, Hyacinth; No. 10, Galvanized Wire, No. 10, wire; No. 11, Galvanized Wire, No. 8 wire; No. 12, Wire Plant Tie; No. 13, Eureka Stake Fastener; No. 14, Everlasting Stake Fastener.*

## PLANT STAKES

### No. 10 Steel Wire, Galvanized

	Doz.	100	1000		Doz.	100	1000
2 foot . . . .	\$0.15	\$0.95	\$7.95	4½ foot . . .	\$0.40	\$1.90	\$16.61
2½ " . . . .	.18	1.15	9.86	5 " . . . .	.45	2.10	18.41
3 " . . . .	.25	1.35	11.77	5½ " . . . .	.50	2.30	20.18
3½ " . . . .	.30	1.60	13.68	6 " . . . .	.55	2.50	21.96
4 " . . . .	.35	1.70	14.84	7 " . . . .	.65	2.95	25.51

### No. 8 Steel Wire, Galvanized

For staking American Beauty and other strong-growing roses.

	Doz.	100	1000		Doz.	100	1000
2 foot . . . .	\$0.18	\$1.20	\$10.29	4½ foot . . . .	\$0.45	\$2.55	\$21.95
2½ " . . . .	.25	1.50	12.93	5 " . . . .	.50	2.80	24.43
3 " . . . .	.30	1.80	15.58	5½ " . . . .	.55	3.10	26.89
3½ " . . . .	.35	2.10	18.22	6 " . . . .	.60	3.38	29.37
4 " . . . .	.40	2.25	19.48	7 " . . . .	.70	3.95	34.30

## GREEN PAINTED TAPERING PLANT STAKES

	Doz.	100		Doz.	100
1½ foot.....	\$0.23	\$1.73	3½ foot.....	\$1.00	\$7.70
2    “       .....	.42	3.22	4    “       .....	1.20	9.20
2½   “       .....	.61	4.71	5    “       .....	1.59	12.19
3    “       .....	.81	6.21			

## GREEN PAINTED HEAVY OR DAHLIA STAKES

	Doz.	100		Doz.	100
3 foot.....	\$1.29	\$9.89	5 foot.....	\$2.19	\$16.79
3½ ".....	1.49	11.38	6 ".....	2.68	20.58
4 ".....	1.71	13.11			

## SQUARE PAINTED PLANT STAKES

	Doz.	100		Doz.	100
1½ foot.....	\$0.25	\$1.75	3½ foot.....	\$1.00	\$7.25
2    “.....	.40	2.75	4    “.....	1.10	8.50
2½   “.....	.55	3.75	5    “.....	1.65	12.60
3    “.....	.90	6.50	6    “.....	1.90	14.50

### HYACINTH STAKES (Wood) Dyed Green

	100	1000	5000	10,000
5 inch.....	\$0.15	\$1.00	\$4.50	\$8.50
12 ".....	.25	1.60	7.50	14.00
18 ".....	.35	2.40	11.25	22.00

**WIRE** (Price Subject to Change)

## ANNEALED

No. 16 per 12-lb. stone.....	\$1.10
No. 18 per 12-lb. stone.....	1.30
No. 20 per 12-lb. stone.....	1.35
No. 22 per 12-lb. stone.....	1.40
No. 24 per 12-lb. stone.....	1.50

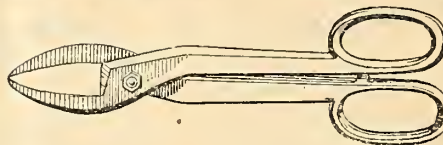
## GALVANIZED

No. 16 per 12-lb. stone.....	\$1.35
No. 18 per 12-lb. stone.....	1.45
No. 19 per 12-lb. stone.....	1.50
No. 20 per 12-lb. stone.....	1.55
No. 22 per 12-lb. stone.....	1.60
No. 19, <b>Tinned</b> , cut to 8½ in. long, 10-lb. box.....	\$2.00

## CUT BOUQUET WIRE

**For Stemming Flowers, Etc.**

No. 20. Cut, 9, 12 or 18 in. long, 20c. per lb.;  
per box, 12 lbs., \$1.50.  
No. 22. Cut, 9, 12 or 18 in. long, 25c. per  
lb.; per box, 12 lbs., \$1.75.  
No. 24. Cut, 9, 12 or 18 in. long, 30c. per  
lb.; per box, 12 lbs., \$2.25.



## WIRE SNIPS

No. 833—7 1/2 in-	Each
ches, short	
blade.....	\$1.15

No. 832— 8 inches, long blade, P. P. Wt. 1 lb.....	Each \$1.15
No. 12— 8 inches, heavy, P. P. Wt. 1 lb.....	1.25
No. 10—10 inches, heavy, P. P. Wt. 2 lbs.....	1.75

## CANE STAKES

	100	500	1000
<b>Southern</b> , about 6 to 7 ft., selected . . . . .	\$1.25	\$5.00	\$9.00

**JAPANESE CANE STAKES (Very Thin)**

Natural			Green		
	100	1000		100	1000
2½ foot.....	\$0.75	\$5.00	1½ foot.....	\$0.50	\$3.00
3     ".....	.85	5.50	2     ".....	.60	4.25
4     ".....	1.00	8.00	2½   ".....	.80	6.00
6     ".....	1.25	9.50	3     ".....	.90	6.50
			3½   ".....	1.00	7.00
			4     ".....	1.20	8.50
			5     ".....	1.30	9.00

## STAKE FASTENERS

**Everlasting Style.** Heavy, \$1.75 per 500; 1000 for \$3.00; \$14.00 per 5000; 10,000 for \$27.00. (See illustration No. 14.)

**Eureka Style.** Light, \$2.00 per 1000; 5000 for \$9.50; \$17.50 per 10,000. (See illustration No. 13.)

## BUSCHARDT'S WIRE PLANT TIE

Takes the place of twine; can be used more quickly and many times. Per 1000, \$2.00; \$9.50 per 5000; 10,000 for \$18.00.

## POLES FOR TREE PRUNERS

12 feet long, 1¼ inches diameter.....	each	\$1.80
14 feet long, 1½ inches diameter.....	each	2.00

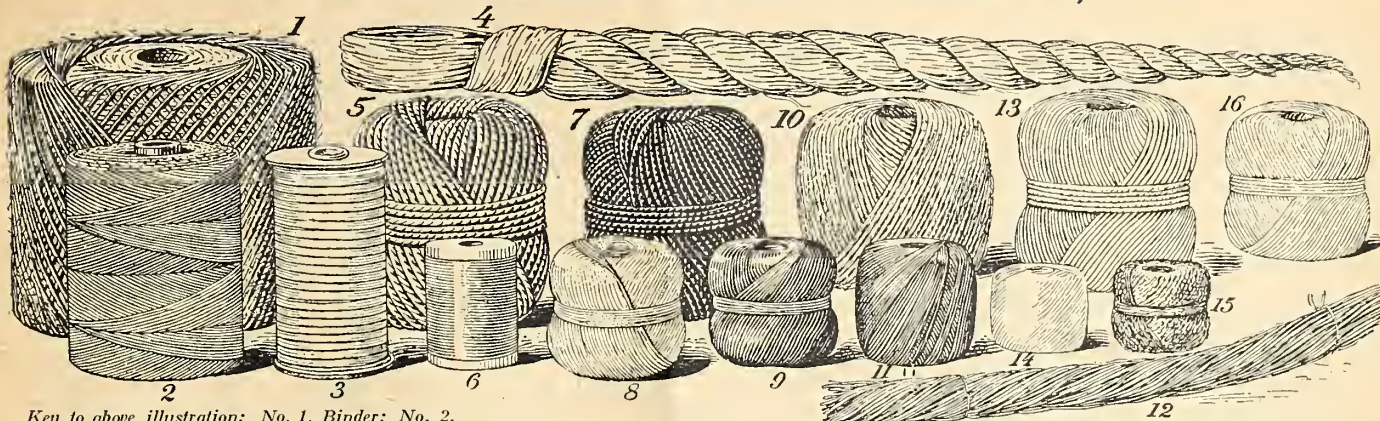
## BAMBOO POLES

	Each	Doz.	100
15 1/2 to 16 feet.....	\$0.40	\$4.50	\$32.50
17 1/2 to 18 ".....	.50	5.75	40.00
19 " to 20 ".....	.65	6.75	47.50

ALL PRICES SUBJECT TO MARKET CHANGES

(ow)





Key to above illustration: No. 1, Binder; No. 2, Peerless; No. 3, Raffiatape; No. 4, Raffia; No. 5, Express; No. 6, Silkaline; No. 7, Tarred Marlin; No. 8, Cayuga, medium; No. 9, Smilax; No. 10, Jute; No. 11, Green Sea Island; No. 12, Tarred Sisal; No. 13, Japanese; No. 14, Special White Cotton; No. 15, Linen Bouquet; No. 16, Cayuga, heavy.

## TWINES, ETC.

Per ball Per lb.

No. 108. White Cayuga Twine. Medium.....	\$0.40	\$0.75
No. 208. White Cayuga Twine. Heavy.....	.40	.75
Jute, 2-ply and 3-ply. 5 lbs., \$1.35.....	.18	.30
Linen Bouquet, 3 lbs., \$2.15.....	.12	.75
Green Sea Island, 5 lbs., \$3.75.....	.12	.80
Special White Cotton, 3-ply.....	.12	.55
Tarred. For mat making.....	.30	
Tarred Sisal. For fodder.....	.14	
Binder (bale lots, 14c. per lb.).....	.18	
No. 6. Express. Very heavy.....	.25	
No. 4½. Japanese Twine. Medium heavy.....	.15	.27
Green Silkaline. For stringing Smilax and Asparagus. Fast color and will not fade; very strong and will not break. Price, F, fine; FF, medium; FFF, coarse, per spool, 30c.; \$2.25 per lb. (8 spools).		
Smilax Twine (Silkaline Substitute). A green linen thread, very similar to Silkaline; fast color. Per spool, 20c.; \$1.25 per lb.; 5 lbs., \$5.75; \$11.00 per 10 lbs.		

## FLORISTS' SPECIAL

### PEERLESS TWINE

For tying up flower boxes, designs, etc. Very attractive. Color, Nile green; in 1-lb. spools, 90c.; \$4.00 per 5 lbs.

## HEADQUARTERS FOR RAFFIA

We make a careful selection of long, broad strands for our trade.

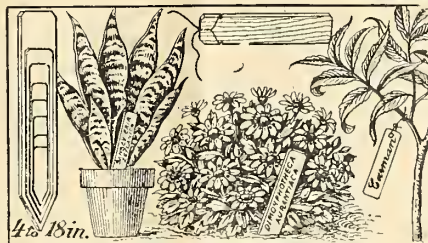
Natural Color. 20c. per lb.; 5 lbs. at 18c. per lb.; 10 lbs. at 16c. per lb.

Green Raffia. 85c. per lb.; 5 lbs. for \$4.00.

## RAFFIATAPE

This article is made of a composition of paper and linen, and is tremendously strong. It is about ½-in. wide, and is put up in 250-yd. spools or reels. There is no waste, as the reel permits it to be hung from a buttonhole, and it can be used as needed. Color, Nile green.

Per bolt of 250 yards, 80c.; 5 bolts, \$3.75.



## TREE LABELS, ETC.

Parcel Post Weight on Tree Labels, ½ lb. per 100.

	100	1000
Wood, Iron Wired. Plain.....	\$0.20	\$1.55
Wood, Iron Wired. Painted.....	.25	1.95
Wood, Copper Wired. Plain.....	.25	1.95
Wood, Copper Wired. Painted.....	.35	2.45
Copper Sheet, wired, 25c. doz.....	1.50	
Zinc Sheet, wired, 25c. doz.....	1.50	
Indelible Marking Pencils, each.....	.15	

## PAINTED POT LABELS

No. in pkg.	P.P.Wt. per 100	100	1000
4 inch.....1000.....	½ lb.	\$0.20	\$1.55
4½ ".....1000.....	½ "	.25	1.85
5 ".....1000.....	½ "	.30	2.05
6 ".....1000.....	¾ "	.35	2.50
8 ".....250.....	.2 "	.95	7.00
10 ".....250.....	.2½ "	1.20	8.25
12 ".....100.....	.3 "	1.40	11.25
18 " for field use.....		5.50	50.00

## WIRE BASKETS

Complete with Hanger.

These are extra well made and will last many years; they will often suggest a sale, if filled, that is otherwise not made.

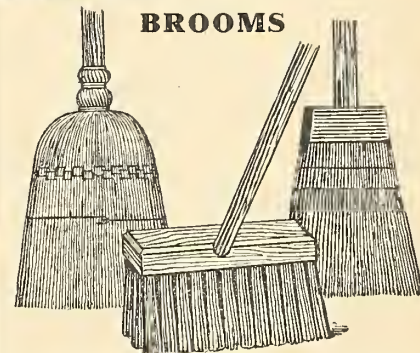
	Each	Doz.	100
8 inch.....	\$0.25	\$2.40	\$17.00
10 ".....	.35	3.50	25.00
12 ".....	.55	5.50	40.00
14 ".....	.65	6.75	50.00
16 ".....	.75	8.25	62.50

## WHEELBARROW (Michell's Special Greenhouse)

This is a very narrow barrow, designed for use in aisles of a greenhouse. Box measures inside 14 ins. in front, 17 ins. in back, and 12 inches deep. Handles, 4 feet 8 inches long. Spread of handles at hand hold 20 ins., which is extreme width of barrow. Furnished in 18-inch diameter wheel. Nicely painted and striped. Price, \$11.00.

## OTHER WHEELBARROWS

No.	Tire In.	Length In.	Depth In.	Width In.	Price
Ataboy Steel Tray.....	1½	26	8½	22	\$6.50
Michell's Special.....	1½	26½	11	21	9.00
Great American.....	1	23½	30	12	9.25
Great American.....	2	23½	28	12	8.00
Great American.....	3	23½	26	12	7.75
Great American (Boys')..	4	1¾	22	9	5.75
Canal. Side dump (bolted).....					5.00



## BROOMS

Plain Corn Rattan Push Jap. Fibre

No. 230. Japanese Fibre.....	Each	\$0.85
No. 8. Corn and Rattan mixed.....	1.10	
Golf Greens (Birch).....	.25	
No. 7. Plain corn, extra quality.....	1.00	

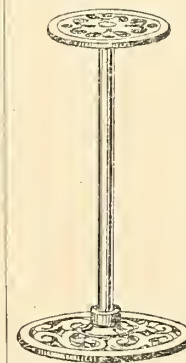
## ROAD BRUSHES (With Handles)

No. 271. Rattan Push, 14-in.....	\$1.10
No. 0286. Bass or Cocoa Push, 14 in..	1.15

## IRON PLANT STANDS

Have a tilting device so that plant may be set at any angle if desired.

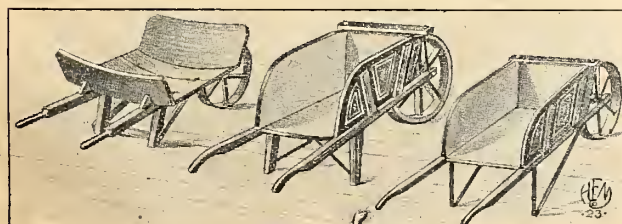
Enameled green.



Inch	Size of Plates	Price Each
12.....	5 x 7	\$1.25
18.....	5 x 7	1.35
24.....	8 x 10½	2.00
30.....	8 x 10½	2.10
36.....	8 x 10½	2.15
42.....	8 x 10½	2.25
48.....	8 x 12	2.50
60.....	8 x 12	2.70
72.....	8 x 12	2.85

## EXTRA PLATES FOR STANDS

5 inch.....	\$0.40	10½ inch.....	\$0.80
7 inch.....	.50	12 inch.....	1.00
8 inch.....	.60		



Canal

Great American

ALL PRICES SUBJECT TO MARKET CHANGES

(ow)



# MICHELL'S SUNDRIES FOR FLORISTS, ETC.

## HOT BED SASH

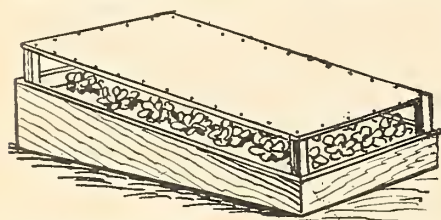
**Philadelphia Style.** Made of best quality cypress. Size, 3 feet 1½ inches wide, 6 feet long, 1¼ inches thick. Plain not glazed or painted. Each, \$3.75.

Glazed including painting and puttying. Each, \$9.50.

**Sunlight Style.** Plain, unglazed. Ea., \$5.00. Glazed and painted. Each, \$11.50.

**Packing Charges** on all Glazed Sash, 50c. per sash additional.

All glazed sash are shipped at purchasers' risk, although we pack very carefully to insure safe arrival.



## SHADING OR PROTECTING CLOTH

Admirable for summer use, protecting plants, etc., from sun and at the same time allowing ventilation. Made of brown cloth.

	Yds. per Piece	Price Per yd.	Price Per pc.
Light.....	60	\$0.14½	\$8.10
Medium.....	60	.21	12.00
Heavy.....	40	.27	10.40

## TWEMLOW'S PUTTY

Superior to ordinary putty; more easily applied and lasting. Can be put on with a putty bulb or mastica machine.

1 gallon.....	\$2.50
5 gallon kit.....	12.25
10 gallon kit.....	24.00

## PUTTY DISTRIBUTOR

The best appliance for distributing putty. Each, \$1.35. Parcel Post weight, 1 lb.



Mastica Machine

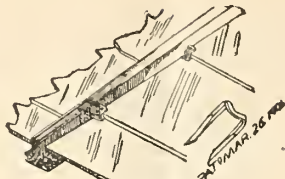


Putty Distributor

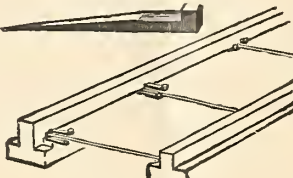
## MASTICA

Mastica is a prepared putty, which retains its soft qualities for a long while, making it possible to replace broken lights of glass readily.

Per gal., \$2.25; \$11.00 per 5 gals.  
Mastica Machine. Each, \$2.75.



Peerless Glazing Point



Siebert's Glazing Point

## GLAZING POINTS

**Peerless Glazing Points.** Nos. 1 and 2 for single-thick glass, No. 2½ for double-thick glass; 60c. per 1000; 5000 for \$2.75. If wanted by mail, add 10c. per 1000 for postage.

**Pincers.** For driving Peerless Points, 50c. per pair.

**Sieberts' Style Points (Zinc).** Three sizes, ⅝, ¾ and 7⁄8 inch, 45c. per lb.; 5 lbs., \$2.10; \$4.00 per 10 lbs.

**Zinc Nails,** ⅝, ¾ and 7⁄8 inch, 40c. per lb.; 5 lbs., \$1.90. If desired by mail, allow for postage.



## GLASS CUTTERS

No. 8. Small Diamond (Ebony Handle)..... Each \$4.00

No. 8A. Large Diamond (Mahogany Handle)..... 5.25

Single Wheel; Steel (Doz., \$2.00).... .20

6 Wheel, Adjustable..... .40

## PEERLESS GLASS REPAIR CLAMP

Made of zinc, will not rust. Will save lights of glass worth from 20 cents to 30 cents each. Price, \$1.50 per 100.

## MASTICOTE GLAZING CEMENT (Black)

For waterproofing greenhouse gutters, roofs, etc.; gives splendid satisfaction; also for making sash bars watertight. Apply with a mastica machine. Per gal., \$2.10; \$10.00 per 5 gals.; ½ bbl. (about 30 gals.) \$1.65 per gal.; bbl. (about 50 gals.) \$1.40 per gal.

## KEYSTONE LIQUID GLAZING PUTTY

Especially adapted for glazing wood and metal sash; can be applied with a putty bulb or gun, making a perfectly watertight job. Per gal. \$2.25; \$11.00 per 5 gals.; ½ bbl. (about 30 gals.) \$2.00 per gal.; bbl. (about 50 gals.) \$1.90 per gal.

## GREENHOUSE WHITE PAINT

Undoubtedly the best and most economical white paint on the market today. Per gal., \$3.50; \$16.75 per 5 gal. ½ bbl. (about 30 gals.) \$3.10 per gal.; bbl. (about 50 gals.) \$3.00 per gal.

## DAYLITE GLASS CLEANER

For taking off white-wash shading, etc. Is the most powerful cleaner on the market. Apply with a brush, leave on a few minutes and rinse off with cold water.

One gallon will clean about 400 to 600 square feet of glass. Price, 1 gal., \$2.25; \$9.00 per 5 gals.



Spraywell



Scollay

## RUBBER SPRINKLERS

For sprinkling cut flowers, seedlings, etc. Either Straight or Crook Neck.

	Each
Spraywell Style—6 oz. capacity....	\$0.75
Spraywell Style—8 oz. capacity....	.85
Spraywell Style—10 oz. capacity....	1.10
No. 1. Scollay—10 oz. capacity....	1.35

## CARNATION SUPPORTS

The Richmond shown here is one of the most popular on the market.

	Doz.	100	1000
Model, 2-ring.....	\$0.85	\$5.75	\$50.00
Model, 3-ring.....	1.00	6.25	57.50
Richmond, sing. ring.	1.00	6.00	55.00
Richmond, dble. ring.	1.10	6.25	57.50

## FLORISTS' SUNDRIES

**Bull Dog Clips.** For fastening packages, boxes, etc.; \$1.00 per box of 1000.

**Carnation Dye (Green).** Per pkg., 50c.

**Celery Paper.** In 500 square foot rolls.

**Celery Tape (Red only).** 1000 yds., \$4.25.

**Charcoal (Lump).** Peck, 50c.; \$1.75 per bu.; bbl. sack, \$2.50.

**Charcoal (Ground).** Coarse or fine. Per 5 lbs., 30c.; \$1.00 per 25 lbs.; 100 lbs., \$3.75.

**Grafting Wax.** Per ¼ lb., 10c.; 20c. per ½ lb.; lb., 35c.

**Leaf Mould.** Per peck, 40c.; \$1.25 per bu.; bbl., \$2.75.

**Moss.** All kinds. See page 27.

**Peat.** Per peck, 40c.; \$1.25 per bu.; bbl., \$2.75.

**Peat, Orchid.** Per peck, 60c.; \$1.50 per bu.; bbl., \$2.75.

**Pebbles.** Per qt., 8c.; 50c. per peck; bu., \$1.75; \$3.75 per bbl.

**Pruning Compound.** Per qt., 75c.; \$2.25 per gal.

**Sand.** For propagating. Per peck, 35c.; \$1.25 per bu.; bbl., \$2.75.

**Shaderine.** Per 5 lbs., \$1.35; \$2.25 per 10 lbs.

**Soil.** Prepared potting. Per peck, 35c.; \$1.30 per bu.; bbl., \$2.75.

**Tree Paint.** Per qt., 75c.; \$2.25 per gal.

**Weed Killer.** Dilutes 1 gal. to 40 gallons of water. Per qt., 50c.; 80c. per ½ gal.; gal., \$1.25; \$5.75 per 5 gals.; 10 gals., \$11.00; \$27.00 per 30 gals.; 50 gals., \$42.50.

**Zementine.** For whitewashing and shading glass. Per 2 lbs., 35c.; \$1.65 per 10 lbs.



Directions for using any of the following will be found on each package. It is unlawful to send poisons by parcel post.

- Ant Exterminator.** Per  $\frac{1}{4}$  lb., 25c.; 45c. per  $\frac{1}{2}$  lb.; lb., 70c.; \$3.00 per 5 lbs.
- Aphine.**  $\frac{1}{4}$  pt., 25c.; 40c. per  $\frac{1}{2}$  pt.; pt., 65c.; \$1.00 per qt.; per gal., \$3.00.
- Aphis Punk.** A paper saturated with Nikoteen for fumigating. Per pkg. of 12 sheets, 85c.; \$8.50 per case of 12 pkgs.
- Arsenate of Lead (Paste).** Per lb., 40c.; \$1.75 per 5 lbs.; 10 lbs., \$3.40; \$6.50 per 25 lbs.; 50 lbs., \$12.50; \$24.00 per 100 lbs.
- Arsenate of Lead (Powdered).** Per lb., 50c.; \$2.25 per 5 lbs.; 10 lbs., \$4.25; \$9.50 per 25 lbs.; 50 lbs., \$17.50; \$32.50 per 100 lbs.
- Black Leaf 40.** Per 1 oz. bottle, 35c.; \$1.25 per  $\frac{1}{2}$  lb.; 2 lbs., \$3.50; \$13.50 per 10 lbs.
- Bordeaux Arsenate.** Per lb., 40c.; \$1.50 per 5 lbs.; 10 lbs., \$3.00; \$6.00 per 25 lbs.; 50 lbs., \$11.00; \$21.00 per 100 lbs.
- Bordeaux Mixture (Paste).** In 5-gal. kegs only, price, \$7.00.
- Bordeaux Material (Dry Form).** Per lb., 25c.; \$1.00 per 5 lbs.; 10 lbs., \$1.75; \$3.75 per 25 lbs.; 50 lbs., \$6.50; \$12.00 per 100 lbs.
- Boro Wax.** For painting trees to destroy and keep away borers. Per qt., 50c.; \$1.75 per gal.; 6 gal. can, \$9.00.
- Bug Death.** Per lb., 15c.; 40c. per 3 lbs.; 5 lbs., 65c.; \$1.35 per 12  $\frac{1}{2}$  lbs.; 100 lbs., \$8.00.
- Carbolineum (Arrenarius).** Per gal., \$1.40; \$6.50 per 5 gals.
- Clelens (Patterson's Concentrated).** Pint can, \$1.00; \$3.00 per  $\frac{1}{2}$  gal.; per gal., \$5.00.
- Copper Solution.** Per qt., \$1.25; \$3.50 per gal.
- Cut Worm Destroyer.** 5 lbs., \$1.25; \$4.25 per 25 lbs.; per 100 lbs., \$16.00.
- Cyanegg.** For generating Hydrocyanic Acid Gas. Per lb., 80c.; \$3.25 per 5 lbs.
- Dalmatian or Persian Powder.** Per  $\frac{1}{4}$  lb., 35c.; 60c. per  $\frac{1}{2}$  lb.; \$1.10 per lb.
- Fish Oil Soap.** Per  $\frac{1}{2}$  lb. 12c.; 20c. per lb.; 5 lbs., 80c.; \$1.40 per 10 lbs.; 25 lbs., \$3.25; \$5.75 per 50 lbs.; 100 lbs., \$9.50.
- Fish Oil Soap (Good's Caustic).** Per lb., 20c.; 90c. per 5 lbs.; 10 lbs., \$1.65; \$3.25 per 25 lbs.; 50 lbs., \$5.25; \$10.00 per 100 lbs.
- Fish Oil Soap (Rosin).** 5 lbs., \$1.25; \$2.25 per 10 lbs.; 25 lbs., \$3.75; \$6.50 per 50 lbs.; 100 lbs., \$11.00.
- Flyosan.** Quickly kills flies and other insects. Per pt., 75c.; \$1.25 per qt.;  $\frac{1}{2}$  gal., \$2.25; \$4.00 per gal.
- Getz There Soap.** 2 lbs., 50c.; \$1.50 per 8 lbs.; 25 lbs., \$3.00; bbl. lots, 11c. per lb.
- Grape Dust.** Per 5 lbs., 85c.; \$1.60 per 10 lbs.; per 25 lbs., \$3.75; \$13.75 per 100 lbs.
- Hellebore.**  $\frac{1}{4}$  lb., 18c.; 35c. per  $\frac{1}{2}$  lb.; lb., 60c.; \$2.75 per 5 lbs.
- I X L Compound.** Per gal., \$7.00.
- Kaylox.** Per  $\frac{1}{2}$  lb., 30c.; 60c. per lb.; 5 lbs., \$2.50; \$4.50 per 10 lbs.; 25 lbs., \$10.00; \$19.50 per 50 lbs.; 100 lbs., \$37.00.
- Kerosene Emulsion (Liquid) (Miscible Oil).** Per pt., 45c.; 75c. per qt.; gal., \$1.75.
- Lemon Oil Insecticide.** Per  $\frac{1}{2}$  pt., 30c.; 55c. per pt.; qt., 90c.; \$1.65 per  $\frac{1}{2}$  gal.; gal., \$2.75; \$10.50 per 5-gal. keg.
- Lime Sulphur.** Per qt., 45c.; 65c. per  $\frac{1}{2}$  gal.; gal., 90c.; \$3.75 per 5 gals.;  $\frac{1}{2}$  bbl. (30 gals.), \$10.75; \$14.00 per bbl. (50 gals.).
- Lime Sulphur (Dry Powder Form).** Per lb., 30c.; \$1.25 per 5 lbs.; 10 lbs., \$2.00; \$4.25 per 25 lbs.; 100 lbs., \$13.00.
- Nico Fume Tobacco Powder (Fumigator).** \$1.25 per 1 lb. tin; 5 lb. size, \$4.75; \$8.50 per 10 lb. size.
- Nicotine (Hall's) (40%).**  $\frac{1}{2}$  lb. can, \$1.40; \$4.25 per 2 lb. can; 8 lb. can, \$15.00.
- Nicotine Fumigator (Hall's) (12  $\frac{1}{2}$ %).** \$1.25 per 1 lb. tin; 2  $\frac{1}{2}$  lb. size, \$2.50; \$8.50 per 10 lb. size.
- Nikoteen.** (30% solution). A splendid preparation for spraying and vaporizing. Per 1 oz. bottle, 25c.; 40c. per 1  $\frac{1}{4}$  oz. bottle;  $\frac{1}{2}$  lb. bottle, \$1.25; \$2.00 per 1 lb. bottle; 4 lb. bottle, \$6.75; \$12.50 per 8 lb. bottle.
- Paris Green.** Per  $\frac{1}{4}$  lb., 15c.; 30c. per  $\frac{1}{2}$  lb.; 50c. per lb.; \$2.25 per 5 lbs.; 14 lbs., \$5.75.
- P. T. B. (Para-Dichloro benzene).** For peach tree borers. Per 1 lb. can, 50c.; \$2.25 per 5 lb. can; 10 lb. can, \$3.75; \$7.50 per 25 lb. keg; 50 lb. keg, \$14.50; \$27.50 per 100 lb. keg.
- Pyrox (Bowker's).** Per lb., 50c.; \$1.85 per 5 lbs.; 10 lbs., \$3.25; \$6.75 per 25 lbs.; 50 lbs., \$12.50; \$22.00 per 100 lbs.; 300 lbs., \$58.50.
- Rat Corn.** 25c., 50c. and \$1.00 per box.
- Readeana Rose Bug Exterminator.** 4 oz. can, 25c.; 50c. per 8 oz.; 24 oz., \$1.00; \$4.00 per gal.
- Scalecide.** Per qt., 60c.; \$1.45 per gal.; 5 gals., \$6.00; \$10.50 per 10 gals.; 30 gals., \$26.00; \$37.50 per 50 gals.
- Scale Destroyer (Soluble Oil).** Per qt., 60c.; 85c. per  $\frac{1}{2}$  gal.; gal., \$1.50; \$6.50 per 5 gals.; 50 gal. barrel, \$40.00.
- Shoo Fly.** Per qt., 50c.; \$1.35 per gal.
- Slug Shot.** Per 1 lb. canister, 16c.; 55c. per 5 lbs.; 10 lbs., \$1.10; \$2.65 per 25 lbs.; 100 lbs., \$10.00; full barrel lots (about 250 lbs.), 9  $\frac{1}{4}$ c. per lb., f. o. b. Philadelphia.
- Soap Spray.** An all around outdoor and greenhouse insecticide. Per pt., 60c.; 85c. per qt.; gal., \$2.75; \$11.00 per 5 gals.; 10 gals., \$20.00.
- Sulco V. B.** Will control San Jose and other scale insects, and many species of plant lice and fungus diseases. Pt., 30c.; 55c. per qt.;  $\frac{1}{2}$  gal., \$1.00; \$1.75 per gal.; 5 gals., \$6.00.
- Sulphate of Copper.** Per lb., 13c.; 60c. per 5 lbs.; 10 lbs., \$1.10; \$2.50 per 25 lbs.; 100 lbs., \$9.00.
- Sulphur (Flowers).** Per lb., 8c.; 40c. per 5 lbs.; 10 lbs., 80c.; \$1.75 per 25 lbs.; 100 lbs., \$6.50; barrel lots (about 200 lbs.), 6  $\frac{1}{4}$ c. per lb.
- Sulphur Candles.** Large, 25c. each; per doz., \$2.75; small, 15c. each; per doz., \$1.70.
- Thrip Juice (Hammond's No. 2).** Per pt., 75c.; \$1.25 per qt.; gal., \$3.50.
- Tobacco Dust (for dusting only).** Per lb., 8c.; 30c. per 5 lbs.; 10 lbs., 50c.; \$1.00 per 25 lbs.; 100 lbs., \$3.25; \$15.00 per 500 lbs.; 1,000 lbs., \$25.00; \$45.00 per ton.
- Tobacco Dust (special dusting or fumigating).** Per 5 lbs., 40c.; \$1.50 per 25 lbs.; 50 lbs., \$2.75; \$5.00 per 100 lbs.; 500 lbs., \$23.50.
- Tobacco Dust (extra fumigating).** Very rapid burning. 10 lb. bags, \$1.00; \$2.50 per 25 lbs.; 100 lbs., \$8.00.
- Tobacco Soap (Sulpho).** 3 oz. pkgs., 90c. per doz.; per 100, \$6.50; 6 oz. pkgs., \$1.50 per doz.; per 100, \$12.00; 10 lb. cakes, \$3.20; \$7.50 per 25 lbs.
- Tobacco Stems (fresh).** Per lb., 10c.; 60c. per bu.; bbl. bags, \$1.25; large bales at 2c. per lb.;  $\frac{1}{2}$  ton, \$15.00; \$25.00 per ton.
- Tobacco Stems (shredded).** 5 lbs., 20c.; 40c. per 10 lbs.; 25 lbs., 90c.; \$1.60 per 50 lbs.; 100 lbs., \$2.75; \$12.00 per 500 lbs.; 1,000 lbs., \$23.00; \$45.00 per ton.
- Tree Tanglefoot.** Per lb., 50c.; \$2.40 per 5 lb. can; 10 lbs., \$4.50; \$8.75 per 20 lbs.
- Wilson's O. K. Plant Spray.** Per gal., \$3.00.
- Worm Destroyer (Michell's) (for earth worms).** For destroying worms that infest lawns and putting greens. Per 112 lb. bag, \$6.50; \$31.25 per 560 lbs.; 1120 lbs., \$57.50; \$110.00 per 2240 lbs.
- Worm Eradicator (Reade's Electric).** \$1.00 per 24 oz.; gal., \$4.00.
- Worm Powder (Reade's).** Price upon application.
- Zenoleum.** A germicide and disinfectant. Per  $\frac{1}{2}$  pt., 35c.; 75c. per qt.;  $\frac{1}{2}$  gal., \$1.25; \$2.00 per gal.



## CARBONDALE HYDROMETER

These are highly recommended by the Pennsylvania State Department of Agriculture for testing the gravity of Lime-Sulphur solution; one should be in the hands of every man who uses this material. Price, \$1.00. (Postpaid, \$1.10.) With directions.

**Mag-O-Tite.** Protects crops against the ravages of the root maggot and other garden pests. Per 2 lb., 35c.; 60c. per 4 lbs.; 8 lbs., \$1.00; \$2.50 per 25 lbs.; 100 lbs., \$8.50.

**Melrosine.** An efficient Rose Bug remedy. Per 6 ozs., 50c.; \$1.00 per pt.; qt., \$1.75; \$3.25 per  $\frac{1}{2}$  gal.; per gal., \$6.00.

**Mo Lo.** A preparation for destroying and driving away moles. Per pkg., 22c.

**Nico Fume (Liquid).** Per  $\frac{1}{4}$  lb., 75c.; \$2.25 per lb.; 4 lbs., \$8.00; \$15.00 per 8 lbs. Special contract price on large orders.

**Nico Fume Paper.** Per box of 24 sheets, \$1.25; \$5.50 for 144 sheets; 288 sheets, \$10.00.

Lamps for Vaporizing Nicotine Solutions. 75c. each; 6 for \$4.00.



PLEASE NOTE.—No smaller quantity of Fertilizer than here offered can be supplied.

**Acid or Rock Phosphate (14%).** Apply 1,000 lbs. per acre. \$2.50 per 200 lbs.; 1,000 lbs., \$10.00; \$19.00 per ton.

**Alphano Inoculant.** A soil bacteria used in growing legumes. 1-acre size (2 lbs.), 90c.; per 10-acre size, \$7.25.

**Anti Clover Fertilizer (Michell's).** For use on golf courses and putting greens. 200-lb. bags only, \$7.00 per 200 lbs.; 1,000 lbs., \$34.50; \$67.50 per ton.

**Ashes, Hard Wood.** Apply 1,000 lbs. per acre. Per 25 lbs., 75c.; \$1.35 per 50 lbs.; 100 lbs., \$2.25; \$3.75 per 200-lb. bbl.; 1,000 lbs., \$15.00; per ton, \$29.00.

**Asparagus Fertilizer.** Apply 800 lbs. per acre. In 200-lb. sacks only. 200 lbs., \$4.50; \$21.00 per 1,000 lbs.; per ton, \$40.00.

**Bacteria, Mulford Culture.** For inoculating clovers and other legumes. 35c. per trial bottle;  $\frac{1}{4}$ -acre size, 75c.; \$1.50 per acre size; 5-acre size, \$5.00.

**Bacteria, Farmogerm.** For all legumes. 1-acre size, \$1.00; 3-acre size, \$2.50; 12-acre size, \$9.00. Special size culture for peas, beans, and sweet peas,  $\frac{1}{4}$ -acre size only, 50c.

**Blood (Dried).** For indoor culture of flowering plants, like roses, carnations, etc. 5 lbs., 50c.; 80c. per 10 lbs.; 25 lbs., \$1.75; \$3.25 per 50 lbs.; 100 lbs., \$6.25; \$12.25 per 200 lbs.; 500 lbs., \$30.00; \$57.50 per 1,000 lbs.; ton, \$110.00.

**Blood Flour.** Similar to dried blood, excepting it is finer. \$6.50 per 100 lbs.; 200 lbs., \$12.50; \$60.00 per 1,000 lbs.; ton, \$117.50.

**Bon Arbor.** A concentrated chemical fertilizer to be used in liquid or powder form. Per lb., 55c.; \$2.25 per 5 lbs.

**Bone (Coarse Ground).** Apply 800 to 1,000 lbs. per acre. In 200-lb. bags only. 200 lbs., \$6.50; \$31.50 per 1,000 lbs.; ton, \$62.00.

**Bone Flour.** For rose growing this cannot be excelled. 25 lbs., lbs., \$1.25; \$2.25 per 50 lbs.; 100 lbs., \$4.00; \$7.50 per 200 lbs.; 1,000 lbs., \$35.00; \$65.00 per ton.

**Bone Meal (Michell's Special Florist's Brand).** Apply 800 to 1,000 lbs. per acre. The ideal bone for rose beds and greenhouse use. 3 lbs., 20c.; 30c. for 5 lbs.; 10 lbs., 55c.; \$1.25 per 25 lbs.; 50 lbs., \$2.25; \$4.00 per 100 lbs.; 200 lbs., \$7.00; \$34.00 per 1,000 lbs.; ton, \$65.00.

**Carnation Food (Springfield).** An evenly balanced food which invigorates the root action of the plants, and produces a natural growth. Per 100 lb. bag \$4.80; f. o. b. Phila. F. o. b. factory, \$22.50 per 500 lbs.; 1,000 lbs., \$45.00; \$80.00 per ton.

**Chrysanthemum Manure (Thomson's Special).** Per 28-lb. sack, \$3.50; \$6.25 per 56-lb. sack.

**Clay's Fertilizer.** An English chemical fertilizer for forcing greenhouse plants and vegetables. 28 lbs., \$3.25; \$5.50 for 56 lbs.; 112 lbs., \$10.50.

**Cotton Seed Meal.** Apply 800 lbs. per acre. Excellent as a grass and grain fertilizer. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., \$1.15; \$2.00 per 50 lbs.; 100 lbs., \$3.75; \$7.00 per 200 lbs.; 1,000 lbs., \$33.50; \$65.00 per ton.

**Cow or Cattle Manure (Pulverized).** Thoroughly sterilized and weedless. Quick in action and especially desirable for pot plants, etc. In 100-lb. bags f. o. b. Philadelphia, \$3.25 per 100 lbs.; 500 lbs., \$15.00; \$26.50 per 1,000 lbs.; ton, \$50.00.

**Cow or Cattle Manure (Shredded).** Especially suited for soil mixing, mulching and liquid manuring. F. o. b. Philadelphia, 100 lbs., \$3.25; \$15.00 per 500 lbs.; 1,000 lbs., \$26.50; \$50.00 per ton. F. o. b. Chicago, 100 lbs., \$2.50; \$9.50 per 500 lbs.; 1,000 lbs., \$16.00; \$30.00 per ton.

**Grass and Grain Fertilizer (Michell's).** Apply 600 to 800 lbs. per acre. No less than 200 lbs. can be supplied. \$4.00 per 200-lb. sack; 1,000 lbs., \$20.00; \$37.50 per ton.

**Grass Grower (Michell's Odorless).** Excellent for fairways and putting greens. 10 lb. can, 75c.; \$7.00 per 200 lbs.; 1,000 lbs., \$34.50; \$67.50 per ton.

**Hog Manure (Pulverized).** Splendid for forcing vegetables and flowering plants, increasing size and yield. Put up and sold in 100-lb. bags only. Per 100 lbs., \$3.50; \$15.50 per 500 lbs.

**Horse Manure.** (See Manure.)

**Horn Shavings.** Used principally for mixing in potting soil. 5 lbs., 50c.; 90c. per 10 lbs.; 25 lbs., \$1.75; \$3.25 per 50 lbs.; 100 lbs., \$6.00; \$11.00 per 200 lbs.

**Humus (Prepared Alphano).** Especially desirable for mixing with potting soil. 5 lbs., 25c.; 40c. for 10 lbs.; 25 lbs., 75c.; \$2.50 per 100 lbs.; 500 lbs., \$11.25; \$17.00 per 1,000 lbs.; ton, \$30.00. (Special price f. o. b. factory.)

**Humus (Natural Alphano).** In bulk, car lots only, of 30 tons. \$6.00 per ton, f. o. b. Alphano.

**Kainit (Potash Salts).** Apply 800 to 1,000 lbs. per acre. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 75c.; \$1.35 per 100 lbs.; 200 lbs., \$2.50; \$11.00 per 1,000 lbs.; ton, \$20.00.

**Land Plaster.** Apply about 1,500 to 2,000 lbs. per acre. Per 25 lbs., 60c.; \$1.00 per 50 lbs.; 100 lbs., \$1.75; \$3.25 per 200 lbs.; per  $\frac{1}{2}$  ton, \$14.50; \$27.50 per ton.

**Lawn Sand (Climax).** A weed destroyer as well as a fertilizer.  $3\frac{1}{2}$ -lb. tin, 65c.; \$1.25 for 7 lbs.; 14 lbs., \$2.25; \$3.75 per 28 lbs.; 56 lbs., \$6.00; \$11.50 per 112-lb. bag.

**Limestone (Pulverized).** Apply 1 ton per acre. Per 100-lb. bag, \$1.25; \$5.25 per 500 lbs.; 1,000 lbs., \$8.50; \$15.00 per ton.

**Lime (Hydrated or Powdered).** 40c. per 10-lb. box; 125-lb. sack, \$1.90; \$6.75 per 500 lbs.; 1,000 lbs., \$12.00; \$22.00 per ton.

**Manure.** At short notice we can usually supply first-class horse, cow and stock-yard manure in carload lots only. Prices quoted on request.

**Muriate of Potash.** Apply 100 to 150 lbs. per acre, usually with other fertilizers. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.25; \$2.00 per 50 lbs.; 100 lbs., \$3.75; \$7.00 per 200 lbs.

**Nitrate of Soda.** Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. 5 lbs., 40c.; 75c. per 10 lbs.; 25 lbs., \$1.35; \$2.50 per 50 lbs.; 100 lbs., \$4.50; \$8.50 per 200 lbs.; 1,000 lbs., \$40.00; \$75.00 per ton.

**Phosphate, Michell's High Grade.** Apply 800 to 1,000 lbs. per acre broadcast. 5 lbs., 25c.; 45c. per 10 lbs.; 25 lbs., \$1.00; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$4.25 per 200 lbs.;  $\frac{1}{2}$  ton, \$18.00; \$35.00 per ton.

**Phosphate for Corn (Michell's).** \$4.00 per 200-lb. sack; per 1,000 lbs., \$17.00; \$32.50 per ton.

**Plant Life (Zenke's).** A liquid plant food, tonic and fertilizer. Per 8 oz., 20c. (per doz. cans, \$2.00); \$3.00 per gal.

**Plant Food (Michell's).** A highly concentrated chemical fertilizer for house, garden or conservatory. Analysis: Nitrogen,  $2\frac{1}{4}\%$ ; available phosphoric acid, 7%; potash, 2%. 5 oz. pkgs., \$1.25 per doz. pkgs.; 100 pkgs., \$9.00; 12 oz. pkgs., doz., \$2.25; \$17.50 per 100; 50 at the 100 rate.

**Potato Fertilizer (Michell's).** Apply 800 to 1,000 lbs. per acre. 25 lbs., \$1.00; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$4.75 per 200 lbs.;  $\frac{1}{2}$  ton, \$22.00; \$40.00 per ton.

**Poudrette (Native Guano).** Apply 1,000 lbs. per acre. Extensively used for gardens, lawns, etc. 25 lbs., 75c.; \$2.00 per 100 lbs.; 200 lbs., \$3.75; \$18.00 per  $\frac{1}{2}$  ton; ton, \$35.00.

**Poultry Manure (Pulverized).** F. o. b. Philadelphia. 100 lbs., \$3.00; \$14.50 per 500 lbs.; 1,000 lbs., \$28.00; \$52.50 per ton. F. o. b. Buffalo or Chicago. 100 lbs., \$2.75; \$13.00 per 500 lbs.; 1,000 lbs., \$25.00; \$47.50 per ton.

**Salt.** For agricultural purposes. Apply 800 lbs. per acre. 100 lbs., \$1.50; \$2.75 per 200 lbs.; 1,000 lbs., \$12.00; \$22.00 per ton.

**Sheep Manure (Wizard Brand).** Apply 1,000 lbs. per acre. 20c. per 2 lbs.; 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., 90c.; \$1.70 per 50 lbs.; 100 lbs., \$3.25; \$15.00 per 500 lbs.; 1,000 lbs., \$26.50; \$50.00 per ton.

**Sheep Manure (Wizard Brand).** F. o. b. Chicago. For our western and southwestern customers shipment can be made from Chicago at considerable saving in freight charges. 100 lbs., \$2.50; \$10.00 per 500 lbs.; 1,000 lbs., \$17.00; \$32.00 per ton.

**Soot (Imported Scotch).** Used principally for bringing a good healthy color into the foliage of chrysanthemum and other greenhouse plants. 5 lbs., 60c.; \$1.00 per 10 lbs.; 25 lbs., \$1.75; \$6.50 per 112 lbs.; 560 lbs., \$30.00.

**Stim-U-Plant.** A plant food in tablet form. Per pkg. of 30 tablets, 25c.; 75c. per pkg. of 100 tablets; 1,000 tablets, \$3.50.

**Sulphate of Ammonia.** Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. Analysis: Equal to 25% of ammonia. 5 lbs., 50c.; 80c. per 10 lbs.; 25 lbs., \$1.75; \$3.00 per 50 lbs.; 100 lbs., \$5.75; \$11.00 per 200 lbs.

**Sulphate of Potash.** Apply 100 to 125 lbs. per acre, usually with other fertilizers. Analysis: equal to 50% of actual potash. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.25; \$2.25 per 50 lbs.; 100 lbs., \$4.25; \$8.00 per 200 lbs.

**Tankage.** This is usually applied to plants such as roses, etc., under glass. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.25; \$6.00 per 200 lbs.; 1,000 lbs., \$27.00; \$52.50 per ton.

**Thomson's Special Flower, Vegetable and Vine Manure.** 28 lb. bags, \$2.75; \$5.00 per 56 lbs.; 112 lbs., \$8.50.

**Tobacco Stems.** For fumigating, mulching and fertilizing. Bu., 60c.; \$1.25 per bbl. sack; in large bales at 2c. per lb.;  $\frac{1}{2}$  ton, \$15.00; \$25.00 per ton.

**Tobacco Stems (Shredded).** 5 lbs., 20c.; 40c. per 10 lbs.; 25 lbs., 90c.; \$1.60 per 50 lbs.; 100 lbs., \$2.75; \$12.00 per 500 lbs.; 1,000 lbs., \$23.00; \$45.00 per ton.

**Wheat Fertilizer.** For grass and grain crops. Apply 800 lbs. per acre. \$4.25 per 200 lbs.; 1,000 lbs., \$18.00; \$35.00 per ton.



# MICHELL'S FLOWER POTS, TUBS, ETC.

Orchid Pan

Earthen  
Fern Pan

Fern Dish  
Liner

Seed Pan

Wood Fibre  
Flower Vase



Cedar Tub

Keystone Tub

Earthen  
Flower Pot

Azalea Pot

Earthen  
Bulb Pan

Earthenware  
Saucer

Wood Fibre  
Saucer

Rolling Stand

## FERN DISH LINERS

Width	Depth	Each	Doz.	100
7 in.	1 7/8 in.	\$0.15	\$1.56	\$11.88

## FLOWER VASES (Galv. Iron)

No.	Top Diam.	Depth	Cap.	Each	Doz.
65	7 1/2 in.	8 in.	8 Qt.	\$0.40	\$4.25
66	8 3/4 "	10 "	10 "	.55	6.00
67	7 3/4 "	12 "	12 "	.65	7.00
68	8 3/4 "	12 1/2 "	14 "	.75	8.00
69	8 3/4 "	18 "	16 "	.90	10.00
70	9 "	24 "	20 "	1.25	13.00

## WOOD FIBRE VASES

No.	Diam.	Depth	Weight	Each	Doz.
0	8 in.	13 in.	4 lbs.	\$1.40	\$15.80
1	5 1/2 "	10 "	2 1/2 "	1.25	13.75
2	4 1/2 "	9 "	1 1/2 "	1.10	12.25
3	4 "	6 "	1 1/2 "	.95	10.70
4	3 "	4 1/2 "	3/4 "	.75	8.70
11	5 "	18 "	4 "	1.65	18.70
22	4 1/2 "	15 "	2 "	1.50	17.00
33	4 "	12 "	2 "	1.35	15.30
44	3 "	9 "	1 "	1.05	11.90

## PAPER FLOWER POTS

Ins.	Parcel Post Weight	100	1000
Diam.	per doz.	per 100	
2 1/4 .....	3 oz.	2 lbs.	\$0.44 \$3.57
2 1/2 .....	3 "	2 "	.52 4.50
3 .....	5 "	2 "	.70 6.09
3 1/2 .....	7 "	3 "	.91 7.82
*4 .....	8 "	4 "	1.14 9.77
*5 .....	15 "	7 "	1.77 15.07
*6 .....	2 lbs.	11 "	2.37 20.05

Sizes marked \* are packed 500 to a crate, other sizes 1000. Special price will be quoted on paper pots f. o. b. factory.

## AZALEA POTS

Diam.	Depth	Doz.	100	1000
5 in.	4 1/2 in.	\$0.59	\$4.32	\$37.80
6 "	5 "	.88	6.48	56.70
7 "	6 "	1.46	10.80	94.50
8 "	7 "	2.11	15.60	136.50

## EARTHEN BULB PANS

Diam.	Each	Doz.	100	1000
6 in.	\$0.08	\$0.88	\$ 6.48	\$56.70
7 "	.14	1.46	10.80	94.50
8 "	.20	2.11	15.60	136.50
9 "	.30	3.24	24.00	
10 "	.41	4.38	32.40	
12 "	.83	8.91	66.00	
14 "	1.35	14.58	108.00	

## POT HANGERS

Weight	Each	Doz.	Gross
per doz.			
Krick's No. 1, 3			
to 5-in. pots..	1 lb.	\$0.06	\$0.60 \$5.00
Krick's No. 2, 6			
and 7-in. pots.	1 lb.	.07	.70 5.50
Krick's No. 3, 8			
to 10-in. pots..	1 lb.	.08	.80 6.00
Eureka. For all sizes of pots. Made of			
galvanized wire, 15c. each; per doz.,			
\$1.50; \$11.00 per 100.			

Discount on Earthen Flower Pots, Bulb Pans and Saucers is 2 per cent, for cash with order or if paid in 15 days from date of bill. All earthenware shipped at buyer's risk. All prices on earthenware are f. o. b. Philadelphia. In some instances arrangements can be made for delivery by auto truck direct from pottery at a special charge for hauling.

## EARTHENWARE SAUCERS

Diam.	Doz.	100
4 inches	\$0.25	\$1.80
5 "	.33	2.40
6 "	.49	3.60
7 "	.65	4.80
8 "	.90	6.60
9 "	1.22	9.00
10 "	1.46	10.80
11 "	1.79	13.20
12 "	2.19	16.20
14 "	3.65	27.00

## WOOD FIBRE SAUCERS

Diam.	Weight	Each	Doz.
	Parcel Post		
5 inches	1 1/4 lb.	\$0.27	\$3.06
6 "	1 1/4 "	.30	3.49
7 "	1 1/2 "	.32	3.57
8 "	1 1/2 "	.34	3.83
9 "	3 1/2 "	.37	4.17
10 "	3 1/4 "	.40	4.51
12 "	1 1/4 "	.47	5.36
14 "	1 1/2 "	.63	7.14
16 "	2 "	1.13	12.75
18 "	2 1/2 "	1.31	14.79
20 "	3 "	1.65	18.70

## ORCHID PANS

(Earthen)

	Each	Doz.
4 inches diam.	\$0.09	\$0.90
5 "	.12	1.35
6 "	.18	1.60
8 "	.30	2.70
10 "	.50	4.96
12 "	.90	8.25

## EARTHEN FERN PANS

Width	Height	Each	Doz.	100
4 in.	1 1/8 in.	\$0.05	\$0.49	\$3.60
4 3/4 "	2 1/8 "	.06	.65	4.80
5 1/2 "	2 1/4 "	.08	.81	6.00
6 1/4 "	2 3/8 "	.09	.98	7.20
7 "	2 5/8 "	1.11	1.14	8.40
8 "	3 1/8 "	.15	1.62	12.00
9 "	3 3/4 "	.18	1.95	14.40

## SEED PANS (Earthenware)

	Each	Doz.
6 inches square	\$0.60	\$6.75
8 "	.81	9.05
10 "	1.00	11.34
12 "	1.20	13.50

## EARTHEN FLOWER POTS

Width Inside	Doz.	100	1000
1 inch			
1 .....	\$0.15	\$1.08	\$9.45
2 "	.13	.91	7.88
2 1/4 "	.14	1.03	8.93
2 1/2 "	.17	1.20	10.50
3 "	.21	1.56	13.65
3 1/2 "	.27	1.92	16.80
4 "	.33	2.40	21.00
4 1/2 "	.45	3.24	28.35
5 "	.59	4.32	37.80
5 1/2 "	.73	5.40	47.25
6 "	.88	6.48	56.70
6 1/2 "	1.17	8.64	75.60
7 "	1.46	10.80	94.50
8 "	2.11	15.60	136.50
9 "	3.24	24.00	
10 "	4.38	32.40	
11 "	6.48	48.00	
12 "	8.91	66.00	
14 "	14.58	108.00	

## CEDAR TUBS

### Equipped with Strong Iron Hoops

These are made by hand, of the very best white cedar, painted green. All measurements are inside.

No.	Inside Diam.	Length of Stave	Depth	Price
No. 0	24 3/4 in.	22 3/4 in.	24 in.	\$10.30
No. 1	23 3/8 "	20 1/4 "	22 "	9.20
No. 2	21 "	18 3/8 "	20 "	8.20
No. 3	18 11/16 "	17 7/8 "	18 "	6.70
No. 4	16 1/2 "	14 1/8 "	16 "	5.40
No. 5	14 1/8 "	13 1/8 "	14 "	4.90
No. 6	12 1/8 "	10 7/8 "	12 "	3.90
No. 7	11 3/4 "	9 7/8 "	10 "	3.40
No. 8	10 11/16 "	9 1/8 "	9 1/2 "	2.95

## MICHELL'S KEYSTONE

### PLANT TUBS

Made of white cedar, painted green and bound with strong wire hoops. Handles are sold separately at 25c. per pair.

No.	Inside Diam.	Depth	Each	Doz.	100%
1	6 in.	6 in.	\$0.55	\$6.00	\$47.50
2	7 "	7 "	.57	6.25	50.50
3	8 "	8 "	.62	6.75	53.40
4	9 "	9 "	.66	7.20	57.00
5	10 "	9 "	.78	8.55	67.50
6	11 "	10 "	.96	10.80	87.50
7	12 "	11 "	1.16	12.60	100.00
8	13 "	12 "	1.48	16.80	127.30
9	14 "	13 "	1.70	18.35	
10	15 "	14 "	1.85	20.05	
11	16 "	15 "	2.10	21.90	
12	17 "	16 "	2.46	26.65	
13	18 "	17 "	2.94	31.80	
14	19 "	18 "	3.55	38.40	

No. 2, Special Pail Tub, 10 3/4-in. diam.; 8-in. deep. Per doz., \$7.65; \$61.00 per 100.



# BOOST YOUR PROFITS

The one big reason why WIZARD has won its tremendous following among professional growers is because it has consistently proven that any grower of flowers, fruits, or vegetables can always make MORE MONEY with WIZARD than without it. WIZARD makes you money by giving you bigger yields of a quality that brings you higher prices; saves you money by cutting down your labor cost.

## WIZARD Sheep Manure

TRADE BRAND MARK

### WIZARD BRAND SHEEP MANURE

**PULVERIZED**—every weed seed killed—the finest sheep manure (strongest and the best of all manures) made easy to handle by an extensive process of drying, sterilizing, screening and grinding. In WIZARD, you get nothing but manure; positively no adulterants of any kind. Bone dry—convenient—the equivalent of a whole wagon load of crude manure in a bag. Not only has a splendid plant food analysis, but, what is more important, supplies HUMUS, that wonderful soil conditioner that makes available for plant use the dormant, inactive plant food locked up in the soil. Humus makes and keeps soils healthy. The amount of humus in your soil determines its fertility.

### FOR THE FLORIST

Little need be said to the florist about using WIZARD, because he knows all about the value of manure in the greenhouse. WIZARD gives you pure manure—sterilized, safe and free from weed seed—concentrated and easy to use on the benches for mixing with bench or potting soil and liquid feeding. A half pound to the cubic foot of soil, or one pound to five gallons of water is about the right proportions. Light top dressing with WIZARD SHEEP MANURE is the best feeding for car-

nations, "mums," etc., WIZARD SHREDDED or PULVERIZED COW MANURE is the best for roses. Mixed with the soil and used as a mulch, it is slow and cool in action, and builds strong, hardy plants.

WIZARD SHEEP MANURE is the very best kind of plant food to retail for house plants, window boxes and gardens. Far better than any chemical stimulant, easy and convenient to sell because it comes nicely packed in attractive, two color cartons.

### VEGETABLE CROPS

Unequaled for vegetable growing under glass and in the open field. You don't have to follow any special directions or rule because WIZARD is pure concentrated manure—and nothing else. Many successful growers use 1,000 pounds to the acre, scattered broadcast and harrowed in; others drill in 200 to 500 pounds ahead of planting. Coming pulverized, it mixes with the soil readily and gets to work quick. In the past, the market gardener's chief objection to manure was the presence of weed seeds in manure. WIZARD—weed seed killed—overcomes this objection. You can't beat WIZARD for making things grow fast, plentiful and with the least work on your part. Ideal for every kind of vegetation, including lawns, shrubs, vines and fruit trees.

### USE WIZARD SURE

A money-maker for every grower! Insures results! Always safe! Easy to use! Not only grow more but builds up your soil; makes it richer year after year. The ideal natural fertilizer for every crop. WIZARD gives you all the advantages of animal manure with none of its many objectionable features. It has made money for thousands of growers for more than fifteen years. Use WIZARD just once and know the convenience and success it will bring, and you will never plant without it again.

### Prices, f. o. b. Philadelphia:

2 lbs. ....	\$0.20	100 lbs. ...	\$ 3.25
5 lbs. ....	.35	500 lbs. ...	15.00
10 lbs. ....	.60	1000 lbs. ...	26.50
25 lbs. ....	.90	2000 lbs. ...	50.00
50 lbs. ....	1.70		

### Prices, f. o. b. Chicago:

100 lbs. ....	\$2.50	1000 lbs. ...	\$17.00
500 lbs. ....	10.00	2000 lbs. ...	32.00



**WIZARD**  
TRADE BRAND MARK

**Cow  
Manure**

**Shredded**—for mulching and top dressing. Pure Cow Manure from Chicago Stock Yard cattle pens. Dried and sterilized by the WIZARD direct heat process and packed in coarse shredded form. Cow manure is especially valuable in light sandy soil and for roses, ferns, etc., because it is a slow, cool acting manure. Largely used in preparing soil for growing flowers and vegetables in greenhouses and for top dressing benches. Excellent for liquid manuring.

**Pulverized**—is shredded Cow Manure continued through the grinding process to produce a finely ground product. Cow Manure is packed in 100-pound bags only.

### Prices, f. o. b. Philadelphia:

100 lbs. ....	\$3.25	1000 lbs. ...	\$26.50
500 lbs. ....	15.00	2000 lbs. ...	50.00

### Prices, f. o. b. Chicago:

100 lbs. ....	\$2.50	1000 lbs. ...	\$16.00
500 lbs. ....	15.00	2000 lbs. ...	30.00

**HENRY F. MICHELL CO., 518-516 Market St., Philadelphia, Penna.**